

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082132.D
 Acq On : 15 May 2024 14:37
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: May 16 04:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2024
 Supervised By :Mahesh Dadoda 05/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	202205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	30168	9.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.900%#		
35) Dibromofluoromethane	8.171	113	20495	9.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.100%#		
50) Toluene-d8	10.565	98	75563	9.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.380%#		
62) 4-Bromofluorobenzene	12.847	95	26700	9.094	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	18.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30058	10.310	ug/l	95
3) Chloromethane	2.365	50	32938	9.969	ug/l	99
4) Vinyl Chloride	2.518	62	30540	9.833	ug/l	99
5) Bromomethane	2.965	94	18606	10.422	ug/l	91
6) Chloroethane	3.124	64	19571	9.650	ug/l	99
7) Trichlorofluoromethane	3.495	101	40830	10.039	ug/l	94
8) Diethyl Ether	3.965	74	14025	9.680	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	23095	9.720	ug/l	99
10) Methyl Iodide	4.589	142	21839	9.143	ug/l	99
11) Tert butyl alcohol	5.518	59	25855	50.446	ug/l	100
12) 1,1-Dichloroethene	4.342	96	22385	10.137	ug/l #	80
13) Acrolein	4.183	56	19497	51.335	ug/l	97
14) Allyl chloride	5.024	41	44789	9.473	ug/l #	90
15) Acrylonitrile	5.718	53	65755	49.537	ug/l	99
16) Acetone	4.430	43	63273	48.308	ug/l	91
17) Carbon Disulfide	4.712	76	69708	9.773	ug/l	97
18) Methyl Acetate	5.030	43	31620	9.694	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	79254	9.819	ug/l	94
20) Methylene Chloride	5.277	84	25516	9.656	ug/l #	72
21) trans-1,2-Dichloroethene	5.794	96	24280	10.089	ug/l	87
22) Diisopropyl ether	6.671	45	97050	9.830	ug/l #	90
23) Vinyl Acetate	6.600	43	377366	48.480	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	50069	9.839	ug/l	97
25) 2-Butanone	7.483	43	96164	48.425	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	40919	9.600	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	27512	9.687	ug/l	78
28) Bromochloromethane	7.818	49	20086	8.645	ug/l #	75
29) Tetrahydrofuran	7.841	42	63181	49.553	ug/l #	81
30) Chloroform	7.965	83	46797	9.630	ug/l	96
31) Cyclohexane	8.259	56	51489	10.097	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	42374	9.829	ug/l	94
36) 1,1-Dichloropropene	8.377	75	33775	9.386	ug/l	95
37) Ethyl Acetate	7.559	43	38218	9.491	ug/l #	92
38) Carbon Tetrachloride	8.359	117	35602	9.760	ug/l	88
39) Methylcyclohexane	9.600	83	37347	9.469	ug/l #	86
40) Benzene	8.606	78	104644	9.752	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082132.D
 Acq On : 15 May 2024 14:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22193	9.371	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	40962	9.926	ug/l	94
43) Isopropyl Acetate	8.688	43	67887	9.514	ug/l #	89
44) Trichloroethene	9.353	130	23249	9.539	ug/l	85
45) 1,2-Dichloropropane	9.624	63	27366	9.885	ug/l	99
46) Dibromomethane	9.712	93	17948	9.875	ug/l	95
47) Bromodichloromethane	9.888	83	37227	9.702	ug/l	99
48) Methyl methacrylate	9.682	41	32515	9.563	ug/l #	82
49) 1,4-Dioxane	9.700	88	9995	209.788	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	197468	48.708	ug/l	89
52) Toluene	10.629	92	60787	9.440	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	36791	9.271	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	41210	9.810	ug/l #	78
55) 1,1,2-Trichloroethane	11.024	97	22942	9.804	ug/l	93
56) Ethyl methacrylate	10.876	69	37432	9.422	ug/l #	65
57) 1,3-Dichloropropane	11.171	76	41336	9.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	98647	48.139	ug/l	92
59) 2-Hexanone	11.200	43	143087	48.203	ug/l	87
60) Dibromochloromethane	11.359	129	24513	9.492	ug/l	99
61) 1,2-Dibromoethane	11.471	107	22695	9.442	ug/l	100
64) Tetrachloroethene	11.106	164	22448	9.880	ug/l	96
65) Chlorobenzene	11.894	112	64913	9.586	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	21733	9.743	ug/l	99
67) Ethyl Benzene	11.965	91	115802	9.560	ug/l	98
68) m/p-Xylenes	12.071	106	85595	19.279	ug/l	92
69) o-Xylene	12.400	106	41374	9.620	ug/l	93
70) Styrene	12.412	104	66668	9.333	ug/l	93
71) Bromoform	12.576	173	15861	9.516	ug/l #	96
73) Isopropylbenzene	12.694	105	105364	9.816	ug/l	98
74) N-amyl acetate	12.494	43	57240	9.695	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	29980	9.689	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	29315m	10.323	ug/l	
77) Bromobenzene	12.982	156	23991	9.379	ug/l	85
78) n-propylbenzene	13.035	91	123264	9.698	ug/l	96
79) 2-Chlorotoluene	13.123	91	77830	9.751	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	86624	9.981	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	12030	10.402	ug/l #	82
82) 4-Chlorotoluene	13.223	91	75172	9.633	ug/l	94
83) tert-Butylbenzene	13.441	119	74501	9.812	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	84985	9.571	ug/l	97
85) sec-Butylbenzene	13.617	105	101004	9.597	ug/l	97
86) p-Isopropyltoluene	13.729	119	81041	9.475	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	44114	9.519	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	45944	9.714	ug/l	97
89) n-Butylbenzene	14.059	91	71616	9.316	ug/l	97
90) Hexachloroethane	14.335	117	14812	9.347	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	42695	9.733	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6183	9.726	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	23190	9.431	ug/l	98
94) Hexachlorobutadiene	15.500	225	10747	9.961	ug/l	95
95) Naphthalene	15.641	128	73071	9.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	23257	9.448	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
Data File : VN082132.D
Acq On : 15 May 2024 14:37
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2024
Supervised By :Mahesh Dadoda 05/16/2024

Quant Time: May 16 04:59:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 04:51:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

