

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080661.D
 Acq On : 10 Jan 2024 14:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 11 06:20:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	19024	6.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.080%#		
35) Dibromofluoromethane	8.165	113	10852	5.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.880%#		
50) Toluene-d8	10.571	98	43726	5.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.500%#		
62) 4-Bromofluorobenzene	12.853	95	17036	5.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	12987	4.459	ug/l	96
3) Chloromethane	2.359	50	18710	5.205	ug/l	89
4) Vinyl Chloride	2.512	62	12784	4.838	ug/l	90
5) Bromomethane	2.948	94	5696	5.672	ug/l	99
6) Chloroethane	3.112	64	8196	5.488	ug/l #	82
7) Trichlorofluoromethane	3.489	101	22735	5.210	ug/l	96
8) Diethyl Ether	3.953	74	9860	5.170	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.371	101	11994	5.043	ug/l	96
10) Methyl Iodide	4.589	142	9541	4.798	ug/l #	94
11) Tert butyl alcohol	5.512	59	14613	27.448	ug/l	98
12) 1,1-Dichloroethene	4.336	96	13829	5.167	ug/l #	92
13) Acrolein	4.171	56	14698m	32.798	ug/l	
14) Allyl chloride	5.012	41	25940	4.889	ug/l #	89
15) Acrylonitrile	5.712	53	35583	25.595	ug/l	97
16) Acetone	4.424	43	28530	27.605	ug/l	90
17) Carbon Disulfide	4.712	76	41652	5.088	ug/l	97
18) Methyl Acetate	5.024	43	20235	6.575	ug/l #	68
19) Methyl tert-butyl Ether	5.800	73	48382	5.246	ug/l #	83
20) Methylene Chloride	5.277	84	15055	4.990	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	13469	4.962	ug/l #	83
22) Diisopropyl ether	6.665	45	55065	5.504	ug/l #	89
23) Vinyl Acetate	6.600	43	217619m	26.879	ug/l	
24) 1,1-Dichloroethane	6.571	63	27299	4.985	ug/l	96
25) 2-Butanone	7.489	43	49804	26.659	ug/l #	73
26) 2,2-Dichloropropane	7.483	77	24917	5.202	ug/l	81
27) cis-1,2-Dichloroethene	7.489	96	15948	5.329	ug/l	76
28) Bromochloromethane	7.812	49	13719	5.358	ug/l #	59
29) Tetrahydrofuran	7.841	42	29762	23.636	ug/l #	76
30) Chloroform	7.965	83	26304	5.123	ug/l	94
31) Cyclohexane	8.259	56	29676	6.102	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	22010	5.258	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	20434	5.003	ug/l	91
37) Ethyl Acetate	7.559	43	19603	4.950	ug/l #	87
38) Carbon Tetrachloride	8.365	117	19208	5.238	ug/l	89
39) Methylcyclohexane	9.606	83	19750	5.053	ug/l #	80
40) Benzene	8.606	78	60752	5.292	ug/l	95

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Reviewed By : John Carlone 01/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11890	5.232	ug/l	87
42) 1,2-Dichloroethane	8.671	62	22718	5.169	ug/l	96
43) Isopropyl Acetate	8.688	43	37797	5.192	ug/l #	90
44) Trichloroethene	9.353	130	14113	5.430	ug/l	92
45) 1,2-Dichloropropane	9.624	63	16015	5.261	ug/l	96
46) Dibromomethane	9.706	93	9933	5.158	ug/l	91
47) Bromodichloromethane	9.894	83	20948	4.901	ug/l	92
48) Methyl methacrylate	9.677	41	17833	5.174	ug/l #	76
49) 1,4-Dioxane	9.700	88	4519	105.232	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	102206	26.025	ug/l #	86
52) Toluene	10.630	92	33557	5.101	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	25331	5.339	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	24305	4.831	ug/l #	81
55) 1,1,2-Trichloroethane	11.012	97	13260	5.237	ug/l #	88
56) Ethyl methacrylate	10.877	69	23223	5.121	ug/l #	70
57) 1,3-Dichloropropane	11.171	76	24402	5.279	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	58887	27.111	ug/l #	87
59) 2-Hexanone	11.194	43	74158	25.580	ug/l	86
60) Dibromochloromethane	11.365	129	12715	4.886	ug/l	96
61) 1,2-Dibromoethane	11.471	107	12606	5.065	ug/l	97
64) Tetrachloroethene	11.106	164	10070	4.904	ug/l	96
65) Chlorobenzene	11.894	112	32804	5.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	12300	5.303	ug/l	97
67) Ethyl Benzene	11.965	91	65906	5.283	ug/l	89
68) m/p-Xylenes	12.071	106	44282	10.097	ug/l	86
69) o-Xylene	12.394	106	21219	4.948	ug/l	75
70) Styrene	12.412	104	36657	5.034	ug/l #	93
71) Bromoform	12.576	173	7888	4.943	ug/l #	99
73) Isopropylbenzene	12.700	105	54250	5.267	ug/l	98
74) N-amyl acetate	12.494	43	34000	5.501	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.941	83	18115	5.362	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	18460m	5.425	ug/l	
77) Bromobenzene	12.976	156	11181	5.111	ug/l	59
78) n-propylbenzene	13.035	91	65855	5.212	ug/l	92
79) 2-Chlorotoluene	13.129	91	42209	5.213	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	45192	5.265	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	8163	5.759	ug/l #	89
82) 4-Chlorotoluene	13.223	91	39715	5.003	ug/l	92
83) tert-Butylbenzene	13.441	119	37050	5.400	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	45042	5.337	ug/l	97
85) sec-Butylbenzene	13.618	105	49651	5.093	ug/l	98
86) p-Isopropyltoluene	13.729	119	39105	5.079	ug/l	92
87) 1,3-Dichlorobenzene	13.735	146	20702	5.298	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	19245	4.835	ug/l	85
89) n-Butylbenzene	14.059	91	38580	5.198	ug/l	95
90) Hexachloroethane	14.341	117	7320	5.126	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	18212	4.947	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	3895	4.699	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	10160	5.299	ug/l	98
94) Hexachlorobutadiene	15.506	225	4146	4.505	ug/l	91
95) Naphthalene	15.641	128	37595	4.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	8723	4.700	ug/l	86

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:15:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

