

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081051.D
 Acq On : 16 Feb 2024 12:54
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 16 23:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	407035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	754742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	653468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	46621	9.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.680%#		
35) Dibromofluoromethane	8.165	113	39958	9.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.720%#		
50) Toluene-d8	10.571	98	140754	9.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.580%#		
62) 4-Bromofluorobenzene	12.853	95	50737	8.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53835	10.227	ug/l	98
3) Chloromethane	2.365	50	56676	8.900	ug/l	98
4) Vinyl Chloride	2.518	62	55478	9.488	ug/l #	67
5) Bromomethane	2.959	94	40416	9.732	ug/l	98
6) Chloroethane	3.118	64	43754m	10.191	ug/l	
7) Trichlorofluoromethane	3.501	101	79889	9.353	ug/l	90
8) Diethyl Ether	3.954	74	27888	8.930	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	42225	8.867	ug/l #	88
10) Methyl Iodide	4.583	142	48970	9.213	ug/l	95
11) Tert butyl alcohol	5.512	59	46735	50.936	ug/l	99
12) 1,1-Dichloroethene	4.342	96	42726	9.282	ug/l	80
13) Acrolein	4.183	56	23341	47.463	ug/l	97
14) Allyl chloride	5.024	41	64199	9.400	ug/l #	95
15) Acrylonitrile	5.718	53	112141	46.798	ug/l	96
16) Acetone	4.424	43	94212	47.991	ug/l	98
17) Carbon Disulfide	4.718	76	116226	9.053	ug/l	96
18) Methyl Acetate	5.024	43	49567	10.350	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	146252	9.277	ug/l	98
20) Methylene Chloride	5.277	84	50271	9.139	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	47387	9.227	ug/l	92
22) Diisopropyl ether	6.671	45	141519	9.134	ug/l #	95
23) Vinyl Acetate	6.600	43	586852	46.686	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	83614	9.334	ug/l #	94
25) 2-Butanone	7.483	43	156570	49.369	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	77400	9.221	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	54072	9.062	ug/l	88
28) Bromochloromethane	7.818	49	35061	9.441	ug/l #	64
29) Tetrahydrofuran	7.841	42	101660	48.019	ug/l #	86
30) Chloroform	7.971	83	88736	9.318	ug/l	99
31) Cyclohexane	8.253	56	84642	9.825	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	78151	9.011	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	67314	9.206	ug/l	95
37) Ethyl Acetate	7.559	43	62316	9.443	ug/l	97
38) Carbon Tetrachloride	8.365	117	65426	8.844	ug/l	92
39) Methylcyclohexane	9.600	83	76989	9.033	ug/l #	84
40) Benzene	8.612	78	191477	9.047	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38254	10.186	ug/l	91
42) 1,2-Dichloroethane	8.671	62	68687	9.303	ug/l	99
43) Isopropyl Acetate	8.688	43	108325	9.386	ug/l #	95
44) Trichloroethene	9.353	130	52422	9.300	ug/l	93
45) 1,2-Dichloropropane	9.618	63	48882	9.233	ug/l	98
46) Dibromomethane	9.712	93	35541	9.214	ug/l	93
47) Bromodichloromethane	9.894	83	66646	9.123	ug/l #	96
48) Methyl methacrylate	9.683	41	49704	9.256	ug/l	91
49) 1,4-Dioxane	9.700	88	20720	176.803	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	317266	47.788	ug/l	95
52) Toluene	10.630	92	124704	9.308	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	74743	9.207	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	79177	9.027	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	48933	9.496	ug/l	89
56) Ethyl methacrylate	10.877	69	73488	9.331	ug/l	87
57) 1,3-Dichloropropane	11.165	76	82327	9.240	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	188460	47.692	ug/l #	87
59) 2-Hexanone	11.200	43	249517	47.406	ug/l	96
60) Dibromochloromethane	11.365	129	49065	8.963	ug/l	99
61) 1,2-Dibromoethane	11.471	107	50438	9.308	ug/l	99
64) Tetrachloroethene	11.112	164	44325	9.938	ug/l #	84
65) Chlorobenzene	11.894	112	130257	9.210	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	46356	9.125	ug/l	96
67) Ethyl Benzene	11.965	91	231624	9.152	ug/l	96
68) m/p-Xylenes	12.071	106	179064	18.459	ug/l	96
69) o-Xylene	12.400	106	87721	9.123	ug/l	97
70) Styrene	12.412	104	140107	9.195	ug/l	96
71) Bromoform	12.576	173	28488	8.839	ug/l #	97
73) Isopropylbenzene	12.700	105	229363	9.462	ug/l	98
74) N-amyl acetate	12.494	43	98643	9.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	66099	9.697	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	57272m	9.061	ug/l	
77) Bromobenzene	12.982	156	49935	9.239	ug/l	73
78) n-propylbenzene	13.035	91	255260	9.147	ug/l	96
79) 2-Chlorotoluene	13.123	91	157871	9.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	181677	9.244	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	23829	9.743	ug/l	98
82) 4-Chlorotoluene	13.223	91	156253	9.336	ug/l	95
83) tert-Butylbenzene	13.441	119	160124	9.422	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	179447	9.162	ug/l	94
85) sec-Butylbenzene	13.618	105	215677	9.129	ug/l	92
86) p-Isopropyltoluene	13.729	119	175395	8.938	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	93590	9.164	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	91997	9.168	ug/l	97
89) n-Butylbenzene	14.059	91	152674	8.930	ug/l	97
90) Hexachloroethane	14.335	117	28257	8.711	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	89703	9.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13663	9.641	ug/l	83
93) 1,2,4-Trichlorobenzene	15.400	180	50063	9.111	ug/l	99
94) Hexachlorobutadiene	15.506	225	18830	9.188	ug/l	95
95) Naphthalene	15.641	128	186356	9.254	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	50069	9.185	ug/l	99

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

