

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083223.D
 Acq On : 10 Aug 2024 21:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 12 02:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156313	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	285902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136855	61.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.020%			
35) Dibromofluoromethane	8.165	113	98368	55.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.240%			
50) Toluene-d8	10.565	98	369134	55.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.900%			
62) 4-Bromofluorobenzene	12.853	95	148293	57.142	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	78641	44.365	ug/l	98
3) Chloromethane	2.359	50	94505	52.075	ug/l	99
4) Vinyl Chloride	2.512	62	98036	52.941	ug/l	99
5) Bromomethane	2.942	94	58982	51.332	ug/l	94
6) Chloroethane	3.106	64	61735	53.287	ug/l	99
7) Trichlorofluoromethane	3.489	101	155550	50.848	ug/l	92
8) Diethyl Ether	3.959	74	62309	54.737	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	77989	46.241	ug/l	99
10) Methyl Iodide	4.583	142	117000	52.736	ug/l	94
11) Tert butyl alcohol	5.524	59	148378	320.898	ug/l	98
12) 1,1-Dichloroethene	4.336	96	87865	50.708	ug/l	94
13) Acrolein	4.177	56	96316	319.609	ug/l	100
14) Allyl chloride	5.024	41	144845	44.235	ug/l	95
15) Acrylonitrile	5.718	53	272642	286.702	ug/l	99
16) Acetone	4.430	43	232409	266.949	ug/l	97
17) Carbon Disulfide	4.712	76	233641	46.082	ug/l	98
18) Methyl Acetate	5.024	43	151267	58.316	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	349300	55.849	ug/l	98
20) Methylene Chloride	5.277	84	103218	51.514	ug/l	# 83
21) trans-1,2-Dichloroethene	5.789	96	93534	52.228	ug/l	92
22) Diisopropyl ether	6.671	45	345550	56.140	ug/l	96
23) Vinyl Acetate	6.606	43	1924599	305.061	ug/l	96
24) 1,1-Dichloroethane	6.571	63	187195	55.796	ug/l	100
25) 2-Butanone	7.483	43	374844	280.404	ug/l	95
26) 2,2-Dichloropropane	7.494	77	119631	38.396	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	116029	53.690	ug/l	92
28) Bromochloromethane	7.818	49	68896	50.250	ug/l	87
29) Tetrahydrofuran	7.841	42	250356	289.713	ug/l	88
30) Chloroform	7.965	83	199362	57.197	ug/l	96
31) Cyclohexane	8.253	56	139166	42.207	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	182892	55.435	ug/l	95
36) 1,1-Dichloropropene	8.371	75	133644	49.507	ug/l	99
37) Ethyl Acetate	7.559	43	151347	50.073	ug/l	# 95
38) Carbon Tetrachloride	8.365	117	153564	50.506	ug/l	98
39) Methylcyclohexane	9.600	83	134167	40.464	ug/l	95
40) Benzene	8.606	78	415382	51.652	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86013	50.049	ug/l	95
42) 1,2-Dichloroethane	8.671	62	162854	55.591	ug/l	100
43) Isopropyl Acetate	8.688	43	273855	52.407	ug/l #	94
44) Trichloroethene	9.353	130	96581	50.456	ug/l	92
45) 1,2-Dichloropropane	9.624	63	102541	53.717	ug/l	99
46) Dibromomethane	9.712	93	74392	54.445	ug/l	98
47) Bromodichloromethane	9.888	83	162296	52.900	ug/l	100
48) Methyl methacrylate	9.682	41	130847	52.362	ug/l	92
49) 1,4-Dioxane	9.700	88	46922	1040.806	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	803197	281.011	ug/l	93
52) Toluene	10.629	92	264608	52.076	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	162736	51.639	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	165813	49.467	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	99513	54.649	ug/l	98
56) Ethyl methacrylate	10.877	69	182284	53.101	ug/l	90
57) 1,3-Dichloropropane	11.165	76	175142	53.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	391899	270.079	ug/l	97
59) 2-Hexanone	11.194	43	614396	277.851	ug/l	93
60) Dibromochloromethane	11.359	129	119854	54.440	ug/l	99
61) 1,2-Dibromoethane	11.471	107	102672	53.673	ug/l	98
64) Tetrachloroethene	11.106	164	85062	51.070	ug/l	98
65) Chlorobenzene	11.894	112	285715	51.409	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	101501	51.783	ug/l	99
67) Ethyl Benzene	11.965	91	520174	51.020	ug/l	99
68) m/p-Xylenes	12.071	106	391022	102.385	ug/l	98
69) o-Xylene	12.400	106	193080	51.260	ug/l	99
70) Styrene	12.412	104	328096	51.862	ug/l	98
71) Bromoform	12.576	173	78968	53.180	ug/l #	98
73) Isopropylbenzene	12.694	105	500671	49.665	ug/l	100
74) N-amyl acetate	12.494	43	248324	50.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	147448	51.714	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	137743m	52.073	ug/l	
77) Bromobenzene	12.982	156	113930	50.876	ug/l	96
78) n-propylbenzene	13.035	91	585113	50.406	ug/l	100
79) 2-Chlorotoluene	13.123	91	370687	50.369	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	423506	50.179	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48517	39.897	ug/l	98
82) 4-Chlorotoluene	13.223	91	371128	50.275	ug/l	97
83) tert-Butylbenzene	13.441	119	372565	49.847	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	435415	51.192	ug/l	99
85) sec-Butylbenzene	13.618	105	508965	49.905	ug/l	100
86) p-Isopropyltoluene	13.729	119	426217	50.615	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	211710	50.243	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	213175	50.182	ug/l	98
89) n-Butylbenzene	14.059	91	367762	50.402	ug/l	99
90) Hexachloroethane	14.335	117	79966	49.153	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	205821	50.476	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35053	50.664	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	112251	49.138	ug/l	98
94) Hexachlorobutadiene	15.500	225	44523	43.824	ug/l	98
95) Naphthalene	15.641	128	413604	51.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110448	48.863	ug/l	97

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

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