

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080495.D
 Acq On : 15 Dec 2023 09:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 02:48:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	260388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173321	52.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	8.165	113	129049	51.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.565	98	474939	50.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	173035	48.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	175201	52.652	ug/l	99
3) Chloromethane	2.359	50	163414	46.416	ug/l	96
4) Vinyl Chloride	2.518	62	132898	46.766	ug/l	94
5) Bromomethane	2.953	94	61125	47.709	ug/l	96
6) Chloroethane	3.124	64	83044	45.477	ug/l	99
7) Trichlorofluoromethane	3.501	101	297572	51.628	ug/l	98
8) Diethyl Ether	3.959	74	87543	48.221	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	143171	52.407	ug/l	97
10) Methyl Iodide	4.583	142	102467	42.642	ug/l #	89
11) Tert butyl alcohol	5.506	59	89157	227.626	ug/l	99
12) 1,1-Dichloroethene	4.342	96	137243	49.029	ug/l #	81
13) Acrolein	4.171	56	104073	242.625	ug/l	94
14) Allyl chloride	5.018	41	168496	48.651	ug/l	95
15) Acrylonitrile	5.706	53	280318	253.288	ug/l	99
16) Acetone	4.418	43	164249	278.533	ug/l	94
17) Carbon Disulfide	4.712	76	365655	46.093	ug/l	98
18) Methyl Acetate	5.018	43	195584	51.546	ug/l	94
19) Methyl tert-butyl Ether	5.783	73	477744	51.155	ug/l	99
20) Methylene Chloride	5.271	84	152204	48.229	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	149994	49.418	ug/l #	83
22) Diisopropyl ether	6.665	45	383639	51.324	ug/l	96
23) Vinyl Acetate	6.600	43	1058142	246.474	ug/l	94
24) 1,1-Dichloroethane	6.565	63	268643	51.511	ug/l	97
25) 2-Butanone	7.477	43	292515	257.496	ug/l	91
26) 2,2-Dichloropropane	7.488	77	276409	51.831	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	169214	49.252	ug/l	88
28) Bromochloromethane	7.806	49	99939	49.910	ug/l	98
29) Tetrahydrofuran	7.830	42	194012	238.500	ug/l	95
30) Chloroform	7.959	83	305719	52.811	ug/l	95
31) Cyclohexane	8.259	56	211419	46.746	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	300775	53.065	ug/l	97
36) 1,1-Dichloropropene	8.371	75	217166	52.590	ug/l	97
37) Ethyl Acetate	7.559	43	126280	48.835	ug/l	99
38) Carbon Tetrachloride	8.359	117	276076	55.952	ug/l	98
39) Methylcyclohexane	9.600	83	216772	50.532	ug/l	90
40) Benzene	8.606	78	615608	51.626	ug/l	100

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41) Methacrylonitrile	7.771	41	81715	54.814	ug/l	91
42) 1,2-Dichloroethane	8.671	62	245859	55.678	ug/l	96
43) Isopropyl Acetate	8.688	43	235446	50.640	ug/l	97
44) Trichloroethene	9.353	130	162901	50.675	ug/l	96
45) 1,2-Dichloropropane	9.624	63	143414	51.207	ug/l	96
46) Dibromomethane	9.712	93	107469	53.434	ug/l	91
47) Bromodichloromethane	9.888	83	240994	55.908	ug/l	94
48) Methyl methacrylate	9.677	41	138915	50.067	ug/l	93
49) 1,4-Dioxane	9.688	88	39529	939.932	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	659064	257.382	ug/l	100
52) Toluene	10.629	92	401356	53.280	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	253812	54.422	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	265146	53.190	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	142235	52.475	ug/l	97
56) Ethyl methacrylate	10.877	69	155219	51.724	ug/l	92
57) 1,3-Dichloropropane	11.165	76	247924	52.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	502731	265.364	ug/l	98
59) 2-Hexanone	11.194	43	483354	255.690	ug/l	100
60) Dibromochloromethane	11.359	129	177274	55.193	ug/l	100
61) 1,2-Dibromoethane	11.471	107	145851	51.990	ug/l	99
64) Tetrachloroethene	11.106	164	139376	50.295	ug/l	96
65) Chlorobenzene	11.888	112	404944	50.718	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	163473	52.180	ug/l	93
67) Ethyl Benzene	11.965	91	755671	51.473	ug/l	95
68) m/p-Xylenes	12.071	106	562874	103.758	ug/l	88
69) o-Xylene	12.400	106	270665	51.010	ug/l	89
70) Styrene	12.412	104	403113	52.742	ug/l	93
71) Bromoform	12.576	173	113187	49.543	ug/l #	100
73) Isopropylbenzene	12.694	105	719901	51.718	ug/l	99
74) N-amyl acetate	12.494	43	191801	47.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	175642	47.089	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	159990m	46.282	ug/l	
77) Bromobenzene	12.982	156	168419	49.184	ug/l	95
78) n-propylbenzene	13.035	91	802103	52.263	ug/l	99
79) 2-Chlorotoluene	13.123	91	504559	50.356	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	616760	51.446	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	71678	54.442	ug/l #	72
82) 4-Chlorotoluene	13.223	91	511546	49.669	ug/l	97
83) tert-Butylbenzene	13.441	119	494460	50.362	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	612426	51.350	ug/l	98
85) sec-Butylbenzene	13.618	105	643152	51.209	ug/l	99
86) p-Isopropyltoluene	13.729	119	588628	51.906	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	293056	48.574	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	294145	48.299	ug/l	97
89) n-Butylbenzene	14.059	91	488423	51.574	ug/l	99
90) Hexachloroethane	14.335	117	95234	52.879	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	280302	48.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38958	49.655	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	167950	52.801	ug/l	100
94) Hexachlorobutadiene	15.500	225	90008	49.705	ug/l	99
95) Naphthalene	15.641	128	478373	49.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	157032	51.159	ug/l	98

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

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