

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080890.D
 Acq On : 02 Feb 2024 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:59:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	203507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111118	56.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.720%	
35) Dibromofluoromethane	8.165	113	75294	52.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.180%	
50) Toluene-d8	10.571	98	285755	50.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.847	95	96015	49.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80538	47.577	ug/l	98
3) Chloromethane	2.359	50	111248	43.719	ug/l	95
4) Vinyl Chloride	2.512	62	85909	44.408	ug/l	94
5) Bromomethane	2.948	94	35253	45.559	ug/l	86
6) Chloroethane	3.112	64	52645	51.043	ug/l	96
7) Trichlorofluoromethane	3.489	101	117875	47.080	ug/l	96
8) Diethyl Ether	3.959	74	57329	49.636	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	69594	47.667	ug/l	96
10) Methyl Iodide	4.583	142	60143	48.798	ug/l	97
11) Tert butyl alcohol	5.518	59	89058	277.093	ug/l	100
12) 1,1-Dichloroethene	4.336	96	74080	46.307	ug/l	92
13) Acrolein	4.177	56	96832	238.913	ug/l	99
14) Allyl chloride	5.018	41	154131	48.744	ug/l	97
15) Acrylonitrile	5.712	53	266076	275.266	ug/l	99
16) Acetone	4.424	43	196620	274.968	ug/l	100
17) Carbon Disulfide	4.712	76	202629	40.686	ug/l	96
18) Methyl Acetate	5.024	43	145318	58.312	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	281694	49.973	ug/l	96
20) Methylene Chloride	5.271	84	90921	48.438	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	82122	47.251	ug/l	95
22) Diisopropyl ether	6.671	45	364894	52.300	ug/l	97
23) Vinyl Acetate	6.600	43	1396739	276.683	ug/l	100
24) 1,1-Dichloroethane	6.565	63	181694	51.350	ug/l	99
25) 2-Butanone	7.483	43	361818	266.394	ug/l	99
26) 2,2-Dichloropropane	7.489	77	125788	43.984	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	95529	47.483	ug/l	97
28) Bromochloromethane	7.818	49	85017	45.382	ug/l	97
29) Tetrahydrofuran	7.836	42	256900	279.531	ug/l	98
30) Chloroform	7.965	83	164895	50.162	ug/l	98
31) Cyclohexane	8.259	56	152810	45.197	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	131519	49.338	ug/l	99
36) 1,1-Dichloropropene	8.371	75	126001	47.347	ug/l	97
37) Ethyl Acetate	7.565	43	150296	54.861	ug/l	97
38) Carbon Tetrachloride	8.365	117	103885	48.449	ug/l	94
39) Methylcyclohexane	9.600	83	121677	46.000	ug/l	99
40) Benzene	8.606	78	411030	52.551	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79889m	49.477	ug/l	
42) 1,2-Dichloroethane	8.671	62	151911	59.615	ug/l	99
43) Isopropyl Acetate	8.688	43	290390	58.221	ug/l	98
44) Trichloroethene	9.353	130	76465	44.385	ug/l	78
45) 1,2-Dichloropropane	9.624	63	108935	51.464	ug/l	99
46) Dibromomethane	9.706	93	62952	50.169	ug/l	96
47) Bromodichloromethane	9.888	83	126689	49.730	ug/l #	99
48) Methyl methacrylate	9.682	41	122861	50.810	ug/l	96
49) 1,4-Dioxane	9.694	88	32557	1117.779	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	796650	285.715	ug/l	99
52) Toluene	10.629	92	229076	51.080	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	142891	48.147	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	157264	48.729	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	85270	49.475	ug/l	93
56) Ethyl methacrylate	10.877	69	156927	59.229	ug/l	98
57) 1,3-Dichloropropane	11.165	76	165917	51.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	407445	263.796	ug/l	99
59) 2-Hexanone	11.200	43	595896	275.134	ug/l	96
60) Dibromochloromethane	11.365	129	81433	50.797	ug/l	97
61) 1,2-Dibromoethane	11.471	107	87883	54.409	ug/l	96
64) Tetrachloroethene	11.106	164	62893	47.018	ug/l	97
65) Chlorobenzene	11.894	112	209931	47.265	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	71808	49.717	ug/l	100
67) Ethyl Benzene	11.965	91	411468	49.844	ug/l	98
68) m/p-Xylenes	12.071	106	297538	101.491	ug/l	98
69) o-Xylene	12.400	106	149405	51.288	ug/l	100
70) Styrene	12.412	104	245314	52.435	ug/l	98
71) Bromoform	12.576	173	50989	52.212	ug/l #	97
73) Isopropylbenzene	12.700	105	360550	48.292	ug/l	100
74) N-amyl acetate	12.494	43	242912	52.403	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	132239	50.352	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	123650m	50.286	ug/l	
77) Bromobenzene	12.982	156	72090	45.170	ug/l	90
78) n-propylbenzene	13.035	91	448549	50.289	ug/l	97
79) 2-Chlorotoluene	13.129	91	277502	48.951	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	295130	49.635	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51463	53.917	ug/l	97
82) 4-Chlorotoluene	13.223	91	262890	46.833	ug/l	98
83) tert-Butylbenzene	13.441	119	233070	49.085	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	300323	49.851	ug/l	98
85) sec-Butylbenzene	13.618	105	344488	49.210	ug/l	98
86) p-Isopropyltoluene	13.729	119	264830	48.681	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136432	47.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	137334	47.986	ug/l	99
89) n-Butylbenzene	14.059	91	257814	48.429	ug/l	99
90) Hexachloroethane	14.335	117	43588	45.790	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	131582	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24918	50.761	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63573	47.274	ug/l	98
94) Hexachlorobutadiene	15.506	225	26591	45.261	ug/l	98
95) Naphthalene	15.641	128	250293	48.640	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	63418	47.977	ug/l	97

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

