

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083494.D
 Acq On : 26 Aug 2024 20:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/27/2024

Quant Time: Aug 27 02:03:20 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	126223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109129	60.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.480%			
35) Dibromofluoromethane	8.165	113	78735	56.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.000%			
50) Toluene-d8	10.565	98	283143	54.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.847	95	117077	57.774	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66346	46.351	ug/l	99
3) Chloromethane	2.359	50	78315	53.441	ug/l	94
4) Vinyl Chloride	2.512	62	83530	55.861	ug/l	98
5) Bromomethane	2.900	94	43709	47.108	ug/l	95
6) Chloroethane	3.059	64	56754	60.665	ug/l	99
7) Trichlorofluoromethane	3.459	101	145495	58.899	ug/l	98
8) Diethyl Ether	3.953	74	52593	57.216	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.347	101	80393	59.029	ug/l	97
10) Methyl Iodide	4.571	142	104744	58.466	ug/l	96
11) Tert butyl alcohol	5.547	59	105680	283.039	ug/l	97
12) 1,1-Dichloroethene	4.318	96	75244	53.776	ug/l	93
13) Acrolein	4.177	56	75839	311.652	ug/l	99
14) Allyl chloride	5.012	41	135947	51.414	ug/l	90
15) Acrylonitrile	5.718	53	226260	294.648	ug/l	98
16) Acetone	4.430	43	188468	268.083	ug/l	96
17) Carbon Disulfide	4.694	76	198696	48.532	ug/l	98
18) Methyl Acetate	5.024	43	117630	56.159	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	289605	57.343	ug/l	96
20) Methylene Chloride	5.265	84	89199	55.130	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	79017	54.640	ug/l	92
22) Diisopropyl ether	6.677	45	299082	60.174	ug/l	98
23) Vinyl Acetate	6.600	43	1551568	304.561	ug/l	96
24) 1,1-Dichloroethane	6.565	63	164043	60.552	ug/l	100
25) 2-Butanone	7.488	43	306594	284.024	ug/l	96
26) 2,2-Dichloropropane	7.488	77	97450	38.733	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	99500	57.018	ug/l	91
28) Bromochloromethane	7.818	49	61978	55.980	ug/l	91
29) Tetrahydrofuran	7.841	42	204255	292.711	ug/l	90
30) Chloroform	7.965	83	174409	61.966	ug/l	98
31) Cyclohexane	8.253	56	138770	52.120	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	159642	59.923	ug/l	95
36) 1,1-Dichloropropene	8.371	75	118619	56.273	ug/l	99
37) Ethyl Acetate	7.559	43	128447	54.423	ug/l	95
38) Carbon Tetrachloride	8.359	117	135505	57.074	ug/l	95
39) Methylcyclohexane	9.600	83	133617	51.608	ug/l	99
40) Benzene	8.606	78	366290	58.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69692	51.933	ug/l	94
42) 1,2-Dichloroethane	8.671	62	140306	61.335	ug/l	99
43) Isopropyl Acetate	8.688	43	218935	53.748	ug/l #	93
44) Trichloroethene	9.353	130	82404	55.132	ug/l	95
45) 1,2-Dichloropropane	9.624	63	90144	60.475	ug/l	100
46) Dibromomethane	9.712	93	64964	60.889	ug/l	99
47) Bromodichloromethane	9.888	83	139426	58.200	ug/l	100
48) Methyl methacrylate	9.682	41	102655	52.610	ug/l	92
49) 1,4-Dioxane	9.700	88	38035	1080.454	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	656353	294.082	ug/l	95
52) Toluene	10.629	92	229824	57.924	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	129736	52.721	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	140359	53.625	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	87116	61.267	ug/l	93
56) Ethyl methacrylate	10.876	69	148915	55.554	ug/l	90
57) 1,3-Dichloropropane	11.165	76	151097	59.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	279301	246.501	ug/l	98
59) 2-Hexanone	11.194	43	494735	286.527	ug/l	94
60) Dibromochloromethane	11.359	129	100602	58.519	ug/l	99
61) 1,2-Dibromoethane	11.470	107	87430	58.533	ug/l	97
64) Tetrachloroethene	11.106	164	72246	53.847	ug/l	96
65) Chlorobenzene	11.894	112	241284	53.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	86486	54.774	ug/l	99
67) Ethyl Benzene	11.965	91	447868	54.533	ug/l	99
68) m/p-Xylenes	12.070	106	332400	108.046	ug/l	97
69) o-Xylene	12.400	106	165920	54.683	ug/l	99
70) Styrene	12.412	104	276902	54.336	ug/l	97
71) Bromoform	12.582	173	65157	54.472	ug/l #	100
73) Isopropylbenzene	12.694	105	427889	46.097	ug/l	99
74) N-amyl acetate	12.494	43	204018	44.935	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	132061	50.302	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	115729m	47.515	ug/l	
77) Bromobenzene	12.982	156	97479	47.275	ug/l	96
78) n-propylbenzene	13.035	91	488470	45.701	ug/l	100
79) 2-Chlorotoluene	13.123	91	314890	46.469	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	363853	46.821	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	40718	36.365	ug/l	96
82) 4-Chlorotoluene	13.223	91	307324	45.213	ug/l	98
83) tert-Butylbenzene	13.441	119	321851	46.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	374857	47.864	ug/l	99
85) sec-Butylbenzene	13.617	105	427841	45.560	ug/l	100
86) p-Isopropyltoluene	13.729	119	354513	45.722	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	183526	47.301	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	184277	47.111	ug/l	99
89) n-Butylbenzene	14.059	91	299633	44.598	ug/l	99
90) Hexachloroethane	14.335	117	68921	46.009	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	189704	50.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29583	46.436	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	93892	44.637	ug/l	97
94) Hexachlorobutadiene	15.500	225	37844	40.455	ug/l	98
95) Naphthalene	15.641	128	331803	44.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	95002	45.645	ug/l	95

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

