

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083496.D
 Acq On : 27 Aug 2024 09:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2024
 Supervised By : Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:39:09 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	149795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	132227	62.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.040%			
35) Dibromofluoromethane	8.165	113	95386	59.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.740%			
50) Toluene-d8	10.565	98	342064	57.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.120%#			
62) 4-Bromofluorobenzene	12.847	95	141273	60.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 121.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78644	46.297	ug/l	93
3) Chloromethane	2.359	50	90503	52.039	ug/l	96
4) Vinyl Chloride	2.518	62	97181	54.763	ug/l	99
5) Bromomethane	2.906	94	49742	45.174	ug/l	97
6) Chloroethane	3.071	64	63937	57.589	ug/l	98
7) Trichlorofluoromethane	3.471	101	168160	57.362	ug/l	98
8) Diethyl Ether	3.953	74	61119	56.028	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.359	101	95979	59.383	ug/l	97
10) Methyl Iodide	4.571	142	122771	57.745	ug/l	99
11) Tert butyl alcohol	5.536	59	103067	232.603	ug/l	99
12) 1,1-Dichloroethene	4.324	96	87917	52.946	ug/l	85
13) Acrolein	4.171	56	72524	251.131	ug/l	99
14) Allyl chloride	5.012	41	165739	52.818	ug/l	91
15) Acrylonitrile	5.718	53	244012	267.761	ug/l	99
16) Acetone	4.424	43	231912	277.969	ug/l	95
17) Carbon Disulfide	4.700	76	224697	46.247	ug/l	98
18) Methyl Acetate	5.018	43	134723	54.198	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	337092	56.242	ug/l	99
20) Methylene Chloride	5.271	84	102844	53.561	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	91086	53.074	ug/l	94
22) Diisopropyl ether	6.671	45	346976	58.825	ug/l	98
23) Vinyl Acetate	6.600	43	1793204	296.602	ug/l	96
24) 1,1-Dichloroethane	6.565	63	191495	59.562	ug/l	97
25) 2-Butanone	7.482	43	335282	261.723	ug/l	94
26) 2,2-Dichloropropane	7.488	77	176393	59.078	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	117021	56.506	ug/l	93
28) Bromochloromethane	7.812	49	76691	58.369	ug/l	88
29) Tetrahydrofuran	7.841	42	215328	260.021	ug/l	89
30) Chloroform	7.965	83	202947	60.759	ug/l	98
31) Cyclohexane	8.253	56	160405	50.765	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	188769	59.706	ug/l	96
36) 1,1-Dichloropropene	8.371	75	134069	55.629	ug/l	99
37) Ethyl Acetate	7.559	43	137476	50.946	ug/l #	94
38) Carbon Tetrachloride	8.359	117	162463	59.850	ug/l	98
39) Methylcyclohexane	9.600	83	162870	55.020	ug/l	100
40) Benzene	8.606	78	423252	58.951	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80488	52.459	ug/l	95
42) 1,2-Dichloroethane	8.671	62	159548	61.003	ug/l	98
43) Isopropyl Acetate	8.688	43	245126	52.553	ug/l #	92
44) Trichloroethene	9.353	130	96781	56.633	ug/l	95
45) 1,2-Dichloropropane	9.623	63	104056	61.057	ug/l	100
46) Dibromomethane	9.706	93	73538	60.284	ug/l	99
47) Bromodichloromethane	9.888	83	161362	58.913	ug/l	98
48) Methyl methacrylate	9.682	41	117367	52.609	ug/l	93
49) 1,4-Dioxane	9.700	88	39045	970.093	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	698780	273.840	ug/l	94
52) Toluene	10.629	92	267057	58.870	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	162415	57.726	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	174231	58.221	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	99189	61.013	ug/l	97
56) Ethyl methacrylate	10.870	69	167069	54.513	ug/l	89
57) 1,3-Dichloropropane	11.165	76	173794	59.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	366342	282.786	ug/l	97
59) 2-Hexanone	11.194	43	516860	261.813	ug/l	94
60) Dibromochloromethane	11.359	129	117658	59.860	ug/l	98
61) 1,2-Dibromoethane	11.470	107	99240	58.110	ug/l	99
64) Tetrachloroethene	11.106	164	82983	55.786	ug/l	98
65) Chlorobenzene	11.888	112	277862	55.980	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	99907	57.071	ug/l	99
67) Ethyl Benzene	11.965	91	517319	56.814	ug/l	99
68) m/p-Xylenes	12.070	106	389457	114.182	ug/l	99
69) o-Xylene	12.400	106	188918	56.158	ug/l	98
70) Styrene	12.412	104	320072	56.650	ug/l	99
71) Bromoform	12.576	173	75019	56.568	ug/l #	100
73) Isopropylbenzene	12.694	105	497156	51.295	ug/l	100
74) N-amyl acetate	12.494	43	221017	46.620	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	144444	52.693	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	110361m	43.395	ug/l	
77) Bromobenzene	12.982	156	109538	50.877	ug/l	94
78) n-propylbenzene	13.035	91	579451	51.921	ug/l	100
79) 2-Chlorotoluene	13.123	91	365827	51.703	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	426453	52.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	58922	50.398	ug/l	88
82) 4-Chlorotoluene	13.223	91	363966	51.283	ug/l	97
83) tert-Butylbenzene	13.441	119	371766	51.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	434612	53.148	ug/l	97
85) sec-Butylbenzene	13.617	105	508690	51.880	ug/l	99
86) p-Isopropyltoluene	13.729	119	433534	53.549	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	214517	52.951	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	213006	52.153	ug/l	98
89) n-Butylbenzene	14.059	91	369224	52.633	ug/l	99
90) Hexachloroethane	14.335	117	82775	52.921	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	213552	54.473	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32048	48.179	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	112970	51.437	ug/l	98
94) Hexachlorobutadiene	15.500	225	48332	49.482	ug/l	97
95) Naphthalene	15.641	128	379885	48.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	112090	51.579	ug/l	96

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

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