

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081273.D
 Acq On : 01 Mar 2024 09:43
 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 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 22:11:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	264892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	472877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	416047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167245	51.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.165	113	148667	55.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.200%			
50) Toluene-d8	10.565	98	463955	48.852	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.700%			
62) 4-Bromofluorobenzene	12.847	95	183615	51.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	164750	48.093	ug/l	97
3) Chloromethane	2.359	50	160488	42.762	ug/l	93
4) Vinyl Chloride	2.518	62	178644	46.948	ug/l	91
5) Bromomethane	2.959	94	108354	40.092	ug/l	92
6) Chloroethane	3.124	64	119114	48.387	ug/l	92
7) Trichlorofluoromethane	3.501	101	287745	51.762	ug/l	92
8) Diethyl Ether	3.959	74	104799	51.564	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	163917	52.895	ug/l	93
10) Methyl Iodide	4.589	142	157379	45.497	ug/l	98
11) Tert butyl alcohol	5.512	59	107643	180.274	ug/l	99
12) 1,1-Dichloroethene	4.342	96	146411	48.875	ug/l	91
13) Acrolein	4.177	56	82021	256.287	ug/l	99
14) Allyl chloride	5.024	41	216647	48.742	ug/l #	89
15) Acrylonitrile	5.712	53	386034	247.546	ug/l	99
16) Acetone	4.418	43	251424	196.801	ug/l	97
17) Carbon Disulfide	4.712	76	351394	42.056	ug/l	96
18) Methyl Acetate	5.024	43	183299	58.815	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	536054	52.248	ug/l	98
20) Methylene Chloride	5.277	84	177056	53.639	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	164115	49.104	ug/l	99
22) Diisopropyl ether	6.665	45	552652	54.813	ug/l #	95
23) Vinyl Acetate	6.600	43	2063135	252.204	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	325173	55.777	ug/l	97
25) 2-Butanone	7.477	43	463363	224.505	ug/l	100
26) 2,2-Dichloropropane	7.489	77	292730	53.589	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	196320	50.558	ug/l	93
28) Bromochloromethane	7.812	49	148081	61.269	ug/l #	71
29) Tetrahydrofuran	7.836	42	316537	229.746	ug/l	88
30) Chloroform	7.965	83	345180	55.695	ug/l	98
31) Cyclohexane	8.253	56	259124	46.221	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	299636	53.085	ug/l	93
36) 1,1-Dichloropropene	8.371	75	240997	52.607	ug/l	96
37) Ethyl Acetate	7.559	43	204384	49.434	ug/l	99
38) Carbon Tetrachloride	8.359	117	252327	54.442	ug/l	97
39) Methylcyclohexane	9.600	83	270138	50.585	ug/l	92
40) Benzene	8.606	78	722070	54.455	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	125331	53.264	ug/l	96
42) 1,2-Dichloroethane	8.671	62	252972	54.683	ug/l	99
43) Isopropyl Acetate	8.688	43	360900	49.911	ug/l #	94
44) Trichloroethene	9.353	130	181877	51.498	ug/l	95
45) 1,2-Dichloropropane	9.624	63	188423	56.807	ug/l	94
46) Dibromomethane	9.706	93	128325	53.098	ug/l	94
47) Bromodichloromethane	9.888	83	268153	58.585	ug/l #	99
48) Methyl methacrylate	9.677	41	171999	51.120	ug/l	93
49) 1,4-Dioxane	9.700	88	54021	867.192	ug/l #	70
51) 4-Methyl-2-Pentanone	10.441	43	1052944	253.136	ug/l	95
52) Toluene	10.629	92	458276	54.592	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	283963	55.827	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	310103	56.429	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	178795	55.377	ug/l	97
56) Ethyl methacrylate	10.871	69	260889	52.871	ug/l	88
57) 1,3-Dichloropropane	11.165	76	311059	55.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	586893	237.047	ug/l #	89
59) 2-Hexanone	11.194	43	766160	232.329	ug/l	95
60) Dibromochloromethane	11.359	129	189464	55.238	ug/l	99
61) 1,2-Dibromoethane	11.471	107	179528	52.877	ug/l	99
64) Tetrachloroethene	11.100	164	172837	60.868	ug/l	93
65) Chlorobenzene	11.888	112	476866	52.958	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	180022	55.662	ug/l	98
67) Ethyl Benzene	11.965	91	867802	53.858	ug/l	100
68) m/p-Xylenes	12.071	106	658552	106.630	ug/l	96
69) o-Xylene	12.400	106	325287	53.134	ug/l	94
70) Styrene	12.412	104	536746	55.328	ug/l	96
71) Bromoform	12.576	173	115669	56.371	ug/l #	97
73) Isopropylbenzene	12.694	105	845374	47.216	ug/l	98
74) N-amyl acetate	12.494	43	314337	41.540	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	238215	47.316	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	235401m	50.629	ug/l	
77) Bromobenzene	12.982	156	183769	46.032	ug/l	77
78) n-propylbenzene	13.035	91	1025834	49.770	ug/l	96
79) 2-Chlorotoluene	13.123	91	609999	48.250	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	718933	49.524	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	77504	42.905	ug/l #	82
82) 4-Chlorotoluene	13.223	91	600394	48.569	ug/l	95
83) tert-Butylbenzene	13.441	119	613764	48.896	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	716310	49.518	ug/l	95
85) sec-Butylbenzene	13.618	105	901249	51.646	ug/l	95
86) p-Isopropyltoluene	13.729	119	746998	51.536	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	367095	48.667	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	368382	49.701	ug/l	98
89) n-Butylbenzene	14.059	91	681551	53.973	ug/l	97
90) Hexachloroethane	14.335	117	127322	53.142	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	358545	49.284	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44643	42.650	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	208980	51.489	ug/l	99
94) Hexachlorobutadiene	15.500	225	78663	51.967	ug/l	99
95) Naphthalene	15.641	128	682024	45.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	205201	50.964	ug/l	99

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

