

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084787.D
 Acq On : 11 Nov 2024 21:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 12 00:39:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	176515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	291331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118955	46.659	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.320%		
35) Dibromofluoromethane	8.165	113	97314	49.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.565	98	351476	48.386	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.847	95	135180	49.793	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	84501	41.643	ug/l	96
3) Chloromethane	2.360	50	90304	37.285	ug/l	96
4) Vinyl Chloride	2.512	62	99906	45.776	ug/l	97
5) Bromomethane	2.901	94	51624	44.644	ug/l	99
6) Chloroethane	3.054	64	65003	48.061	ug/l	99
7) Trichlorofluoromethane	3.454	101	163963	45.606	ug/l	99
8) Diethyl Ether	3.948	74	59294	46.753	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.348	101	92258	45.414	ug/l	97
10) Methyl Iodide	4.571	142	120168	44.260	ug/l	98
11) Tert butyl alcohol	5.548	59	106297	315.868	ug/l	99
12) 1,1-Dichloroethene	4.318	96	85753	42.660	ug/l	98
13) Acrolein	4.171	56	83096	247.625	ug/l	99
14) Allyl chloride	5.006	41	144576	44.349	ug/l	91
15) Acrylonitrile	5.718	53	245495	251.991	ug/l	99
16) Acetone	4.430	43	198198	269.348	ug/l	93
17) Carbon Disulfide	4.689	76	223087	36.038	ug/l	99
18) Methyl Acetate	5.018	43	130899	48.542	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	305562	49.595	ug/l	96
20) Methylene Chloride	5.259	84	98051	43.728	ug/l	86
21) trans-1,2-Dichloroethene	5.771	96	88013	42.641	ug/l	97
22) Diisopropyl ether	6.671	45	298223	46.040	ug/l	96
23) Vinyl Acetate	6.595	43	1081205	242.044	ug/l	98
24) 1,1-Dichloroethane	6.565	63	173686	44.661	ug/l	99
25) 2-Butanone	7.483	43	325803	273.920	ug/l	98
26) 2,2-Dichloropropane	7.483	77	140167	41.411	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	108592	45.057	ug/l	96
28) Bromochloromethane	7.806	49	72979	47.101	ug/l	92
29) Tetrahydrofuran	7.836	42	205582	260.536	ug/l	94
30) Chloroform	7.959	83	185103	46.764	ug/l	99
31) Cyclohexane	8.253	56	141733	40.267	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	168045	46.644	ug/l	98
36) 1,1-Dichloropropene	8.365	75	119608	43.735	ug/l	97
37) Ethyl Acetate	7.553	43	123291	49.688	ug/l	97
38) Carbon Tetrachloride	8.353	117	147502	48.253	ug/l	97
39) Methylcyclohexane	9.594	83	133862	48.113	ug/l	99
40) Benzene	8.600	78	391445	44.569	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	68548	51.372	ug/l	95
42) 1,2-Dichloroethane	8.665	62	133491	46.931	ug/l	99
43) Isopropyl Acetate	8.688	43	243452	53.170	ug/l	99
44) Trichloroethene	9.347	130	91914	45.377	ug/l	100
45) 1,2-Dichloropropane	9.618	63	95605	46.403	ug/l	95
46) Dibromomethane	9.706	93	67476	46.413	ug/l	96
47) Bromodichloromethane	9.888	83	145902	47.610	ug/l #	97
48) Methyl methacrylate	9.677	41	100305	51.941	ug/l	96
49) 1,4-Dioxane	9.694	88	38986	1139.238	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	641767	271.309	ug/l	98
52) Toluene	10.630	92	246524	47.993	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	146707	46.248	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	153802	45.810	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	93404	48.273	ug/l	95
56) Ethyl methacrylate	10.871	69	156659	55.974	ug/l	95
57) 1,3-Dichloropropane	11.159	76	160452	48.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	352227	268.948	ug/l	97
59) 2-Hexanone	11.194	43	486706	282.678	ug/l	97
60) Dibromochloromethane	11.359	129	111721	50.662	ug/l	99
61) 1,2-Dibromoethane	11.465	107	96789	48.848	ug/l	99
64) Tetrachloroethene	11.100	164	79480	45.715	ug/l	99
65) Chlorobenzene	11.888	112	263506	45.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	95834	47.117	ug/l	99
67) Ethyl Benzene	11.959	91	476489	48.816	ug/l	100
68) m/p-Xylenes	12.071	106	359947	97.406	ug/l	99
69) o-Xylene	12.394	106	174747	50.550	ug/l	98
70) Styrene	12.412	104	296821	49.221	ug/l	99
71) Bromoform	12.576	173	76363	49.894	ug/l #	100
73) Isopropylbenzene	12.694	105	461999	51.499	ug/l	100
74) N-amyl acetate	12.494	43	198094	51.881	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	136784	45.679	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	114085m	44.582	ug/l	
77) Bromobenzene	12.976	156	106796	44.282	ug/l	95
78) n-propylbenzene	13.035	91	513794	48.874	ug/l	97
79) 2-Chlorotoluene	13.124	91	317997	46.294	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	377354	50.751	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	48448m	44.915	ug/l	
82) 4-Chlorotoluene	13.218	91	317522	43.924	ug/l	97
83) tert-Butylbenzene	13.435	119	333151	54.138	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	381057	49.655	ug/l	99
85) sec-Butylbenzene	13.618	105	440437	50.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	374128	52.480	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	195927	41.628	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	197206	45.560	ug/l	99
89) n-Butylbenzene	14.053	91	310726	46.596	ug/l	98
90) Hexachloroethane	14.329	117	69240	43.552	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	203390	44.970	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	31583	52.063	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	117324	47.394	ug/l	99
94) Hexachlorobutadiene	15.500	225	48175	44.315	ug/l	100
95) Naphthalene	15.641	128	402741	54.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	115194	47.936	ug/l	97

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

