

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082929.D
 Acq On : 16 Jul 2024 12:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 00:51:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	107460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71705	47.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.200%		
35) Dibromofluoromethane	8.165	113	55808	48.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.571	98	212839	49.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.853	95	74304	48.421	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68622	49.324	ug/l	97
3) Chloromethane	2.359	50	61659	46.733	ug/l	100
4) Vinyl Chloride	2.512	62	76571	55.259	ug/l	98
5) Bromomethane	2.930	94	54610	54.660	ug/l	100
6) Chloroethane	3.100	64	54072	57.024	ug/l	97
7) Trichlorofluoromethane	3.483	101	99753	50.052	ug/l	94
8) Diethyl Ether	3.959	74	34724	50.909	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	60238	53.403	ug/l	97
10) Methyl Iodide	4.583	142	51729	44.731	ug/l #	97
11) Tert butyl alcohol	5.536	59	65491	258.487	ug/l	100
12) 1,1-Dichloroethene	4.330	96	53295	48.583	ug/l	86
13) Acrolein	4.183	56	48118	263.053	ug/l	99
14) Allyl chloride	5.012	41	80121	46.843	ug/l #	96
15) Acrylonitrile	5.724	53	165695	284.568	ug/l	99
16) Acetone	4.430	43	135924	256.289	ug/l	95
17) Carbon Disulfide	4.706	76	146117	44.575	ug/l	100
18) Methyl Acetate	5.024	43	82756	58.970	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	196439	51.912	ug/l	100
20) Methylene Chloride	5.271	84	64004	49.971	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	57922	48.730	ug/l	89
22) Diisopropyl ether	6.677	45	195593	54.660	ug/l #	96
23) Vinyl Acetate	6.606	43	775547	272.917	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	113791	52.425	ug/l	100
25) 2-Butanone	7.488	43	227905	284.594	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	108296	53.662	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	72320	51.970	ug/l	89
28) Bromochloromethane	7.818	49	43701	46.932	ug/l #	83
29) Tetrahydrofuran	7.847	42	149578	296.693	ug/l #	84
30) Chloroform	7.965	83	122738	53.302	ug/l	98
31) Cyclohexane	8.253	56	93765	47.611	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	109245	51.099	ug/l	97
36) 1,1-Dichloropropene	8.371	75	82984	52.037	ug/l	97
37) Ethyl Acetate	7.565	43	90628	55.821	ug/l	96
38) Carbon Tetrachloride	8.365	117	98093	51.088	ug/l	99
39) Methylcyclohexane	9.606	83	85725	49.766	ug/l	90
40) Benzene	8.606	78	264201	53.860	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	46304	52.939	ug/l #	89
42) 1,2-Dichloroethane	8.677	62	93622	53.016	ug/l	98
43) Isopropyl Acetate	8.694	43	155873	50.975	ug/l #	93
44) Trichloroethene	9.353	130	61985	49.322	ug/l	98
45) 1,2-Dichloropropane	9.624	63	64380	56.216	ug/l	98
46) Dibromomethane	9.712	93	47639	53.396	ug/l	99
47) Bromodichloromethane	9.894	83	99855	54.167	ug/l	99
48) Methyl methacrylate	9.682	41	69683	54.737	ug/l #	86
49) 1,4-Dioxane	9.700	88	31745	1150.467	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	496311	308.352	ug/l	94
52) Toluene	10.635	92	169881	55.440	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	103693	54.601	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	107294	53.376	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	65888	58.474	ug/l	97
56) Ethyl methacrylate	10.876	69	104899	59.838	ug/l	88
57) 1,3-Dichloropropane	11.165	76	112509	56.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	272412	302.837	ug/l	95
59) 2-Hexanone	11.200	43	386933	323.339	ug/l	92
60) Dibromochloromethane	11.365	129	79858	55.645	ug/l	98
61) 1,2-Dibromoethane	11.476	107	66817	55.839	ug/l	97
64) Tetrachloroethene	11.106	164	60004	46.469	ug/l	96
65) Chlorobenzene	11.894	112	188317	50.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	68338	51.803	ug/l	99
67) Ethyl Benzene	11.965	91	328116	52.640	ug/l	99
68) m/p-Xylenes	12.076	106	252841	107.441	ug/l	98
69) o-Xylene	12.400	106	119986	53.212	ug/l	97
70) Styrene	12.412	104	211287	56.710	ug/l	99
71) Bromoform	12.582	173	56394	54.358	ug/l #	100
73) Isopropylbenzene	12.700	105	303977	48.303	ug/l	98
74) N-amyl acetate	12.500	43	137060	52.653	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	98852	52.449	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	80517m	53.925	ug/l	
77) Bromobenzene	12.982	156	75764	46.667	ug/l	99
78) n-propylbenzene	13.041	91	372046	51.419	ug/l	100
79) 2-Chlorotoluene	13.129	91	221330	48.008	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	259432	51.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	43163	56.854	ug/l	92
82) 4-Chlorotoluene	13.223	91	226399	49.614	ug/l	96
83) tert-Butylbenzene	13.441	119	215637	47.816	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	265120	51.135	ug/l	97
85) sec-Butylbenzene	13.617	105	306309	50.263	ug/l	100
86) p-Isopropyltoluene	13.735	119	258842	50.908	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145170	49.498	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	143498	47.311	ug/l	100
89) n-Butylbenzene	14.059	91	219639	50.422	ug/l	100
90) Hexachloroethane	14.335	117	51619	47.979	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	136662	47.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21441	49.173	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	69572	45.358	ug/l	99
94) Hexachlorobutadiene	15.506	225	29929	44.015	ug/l	98
95) Naphthalene	15.647	128	277269	52.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70579	44.752	ug/l	98

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

