

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082971.D
 Acq On : 18 Jul 2024 12:38
 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
 07/19/2024

Supervised By :Semsetun
 Yesilyurt
 07/19/2024

Quant Time: Jul 19 00:41:28 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	8.224	168	90261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	157526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	148733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69047	54.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	8.165	113	54188	53.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.220%			
50) Toluene-d8	10.571	98	203531	54.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.040%			
62) 4-Bromofluorobenzene	12.847	95	69676	51.956	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60300	51.602	ug/l	97
3) Chloromethane	2.365	50	47899	43.222	ug/l	95
4) Vinyl Chloride	2.512	62	58405	50.181	ug/l	97
5) Bromomethane	2.942	94	41274	49.184	ug/l	98
6) Chloroethane	3.112	64	45263	56.829	ug/l	93
7) Trichlorofluoromethane	3.495	101	89005	53.169	ug/l	96
8) Diethyl Ether	3.959	74	31775	55.462	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	53369	56.329	ug/l	99
10) Methyl Iodide	4.595	142	54062	55.656	ug/l	98
11) Tert butyl alcohol	5.524	59	48158	226.294	ug/l	98
12) 1,1-Dichloroethene	4.342	96	47677	51.743	ug/l	87
13) Acrolein	4.183	56	38239	248.880	ug/l	97
14) Allyl chloride	5.024	41	67213	46.784	ug/l #	92
15) Acrylonitrile	5.718	53	139089	284.391	ug/l	99
16) Acetone	4.424	43	113269	254.268	ug/l	97
17) Carbon Disulfide	4.706	76	126401	45.908	ug/l	98
18) Methyl Acetate	5.024	43	73488	62.344	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	180143	56.677	ug/l	94
20) Methylene Chloride	5.271	84	57980	53.894	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	53244	53.330	ug/l	83
22) Diisopropyl ether	6.671	45	181502	60.387	ug/l	95
23) Vinyl Acetate	6.606	43	691519	289.716	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	106434	58.379	ug/l	96
25) 2-Butanone	7.489	43	180075	267.715	ug/l	91
26) 2,2-Dichloropropane	7.489	77	87288	51.494	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	66135	56.581	ug/l	88
28) Bromochloromethane	7.818	49	46709	59.721	ug/l #	83
29) Tetrahydrofuran	7.841	42	118655	280.203	ug/l #	84
30) Chloroform	7.965	83	113700	58.786	ug/l	96
31) Cyclohexane	8.259	56	81255	49.121	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	100894	56.185	ug/l	95
36) 1,1-Dichloropropene	8.371	75	74272	53.294	ug/l	98
37) Ethyl Acetate	7.559	43	75768	53.401	ug/l #	95
38) Carbon Tetrachloride	8.365	117	87084	51.898	ug/l	97
39) Methylcyclohexane	9.600	83	74433	49.445	ug/l	95
40) Benzene	8.606	78	240110	56.011	ug/l	99

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Supervised By :Semsettin
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41588	54.407	ug/l #	90
42) 1,2-Dichloroethane	8.671	62	88497	57.344	ug/l	96
43) Isopropyl Acetate	8.688	43	148632	55.907	ug/l #	95
44) Trichloroethene	9.353	130	55764	50.774	ug/l	98
45) 1,2-Dichloropropane	9.624	63	60894	60.844	ug/l	99
46) Dibromomethane	9.712	93	44758	57.405	ug/l	98
47) Bromodichloromethane	9.888	83	91146	56.577	ug/l	99
48) Methyl methacrylate	9.683	41	60829	54.676	ug/l #	86
49) 1,4-Dioxane	9.694	88	24206	1000.241	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	410208	291.627	ug/l	94
52) Toluene	10.630	92	153965	57.495	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	95381	57.471	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	97915	55.738	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	59739	60.666	ug/l	98
56) Ethyl methacrylate	10.877	69	93894	61.288	ug/l	86
57) 1,3-Dichloropropane	11.165	76	103468	59.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	249337	317.176	ug/l	97
59) 2-Hexanone	11.194	43	302304	289.066	ug/l	94
60) Dibromochloromethane	11.359	129	73262	58.413	ug/l	100
61) 1,2-Dibromoethane	11.471	107	60359	57.720	ug/l	97
64) Tetrachloroethene	11.106	164	54740	49.331	ug/l	97
65) Chlorobenzene	11.894	112	170153	53.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	62437	55.076	ug/l	99
67) Ethyl Benzene	11.965	91	291535	54.426	ug/l	99
68) m/p-Xylenes	12.071	106	225908	111.708	ug/l	97
69) o-Xylene	12.400	106	109702	56.613	ug/l	93
70) Styrene	12.412	104	191341	59.762	ug/l	98
71) Bromoform	12.582	173	50638	56.798	ug/l #	98
73) Isopropylbenzene	12.694	105	271466	50.305	ug/l	98
74) N-amyl acetate	12.494	43	117292	52.547	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	86209	53.342	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65849m	51.430	ug/l	
77) Bromobenzene	12.982	156	68398	49.131	ug/l	96
78) n-propylbenzene	13.035	91	323196	52.090	ug/l	98
79) 2-Chlorotoluene	13.123	91	198485	50.207	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	234080	53.663	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	32486	49.901	ug/l	97
82) 4-Chlorotoluene	13.223	91	202389	51.723	ug/l	96
83) tert-Butylbenzene	13.441	119	192390	49.750	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	235384	52.944	ug/l	97
85) sec-Butylbenzene	13.618	105	273383	52.314	ug/l	100
86) p-Isopropyltoluene	13.729	119	229655	52.673	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	128925	51.264	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	127928	49.186	ug/l	100
89) n-Butylbenzene	14.059	91	192394	51.507	ug/l	99
90) Hexachloroethane	14.335	117	45007	48.785	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	125204	51.275	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17470	46.724	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	61228	46.551	ug/l	99
94) Hexachlorobutadiene	15.500	225	26270	45.054	ug/l	99
95) Naphthalene	15.641	128	209522	46.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	62453	46.180	ug/l	98

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

