

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082901.D
 Acq On : 12 Jul 2024 15:52
 Operator : JC\MD
 Sample : P3229-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MS

Quant Time: Jul 15 01:13:09 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

Manual Integrations APPROVED

Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84977	50.876	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.165	113	73724	55.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.440%			
50) Toluene-d8	10.571	98	276695	56.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.220%			
62) 4-Bromofluorobenzene	12.847	95	94460	53.324	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	82243	53.314	ug/l	100
3) Chloromethane	2.359	50	76240	52.115	ug/l	96
4) Vinyl Chloride	2.512	62	79748	51.904	ug/l	97
5) Bromomethane	2.948	94	47523	42.899	ug/l	97
6) Chloroethane	3.118	64	59379	56.476	ug/l	94
7) Trichlorofluoromethane	3.495	101	117103	52.992	ug/l	98
8) Diethyl Ether	3.959	74	41272	54.571	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	68711	54.938	ug/l	99
10) Methyl Iodide	4.583	142	64100	49.989	ug/l	96
11) Tert butyl alcohol	5.524	59	59442	211.590	ug/l	99
12) 1,1-Dichloroethene	4.342	96	63546	52.243	ug/l	91
13) Acrolein	4.183	56	61693	304.171	ug/l	97
14) Allyl chloride	5.018	41	97154	51.228	ug/l #	94
15) Acrylonitrile	5.718	53	173639	268.949	ug/l	99
16) Acetone	4.430	43	145988	248.254	ug/l	94
17) Carbon Disulfide	4.712	76	175945	48.408	ug/l	100
18) Methyl Acetate	5.024	43	81119	52.131	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	225475	53.738	ug/l	97
20) Methylene Chloride	5.277	84	73320	51.628	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	67902	51.521	ug/l	92
22) Diisopropyl ether	6.671	45	235185	59.275	ug/l	97
23) Vinyl Acetate	6.606	43	895912	284.337	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	135626	56.353	ug/l	97
25) 2-Butanone	7.483	43	230252	259.311	ug/l	93
26) 2,2-Dichloropropane	7.494	77	110476	49.370	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	82531	53.488	ug/l	91
28) Bromochloromethane	7.812	49	56501	54.724	ug/l	84
29) Tetrahydrofuran	7.841	42	153035	273.764	ug/l	89
30) Chloroform	7.971	83	143765	56.307	ug/l	100
31) Cyclohexane	8.259	56	106812	48.914	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	127039	53.591	ug/l	96
36) 1,1-Dichloropropene	8.371	75	96525	52.434	ug/l	98
37) Ethyl Acetate	7.559	43	95664	51.043	ug/l	95
38) Carbon Tetrachloride	8.365	117	113588	51.247	ug/l	96
39) Methylcyclohexane	9.600	83	97559	49.062	ug/l	93
40) Benzene	8.606	78	284238	50.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52895	52.387	ug/l	93
42) 1,2-Dichloroethane	8.671	62	98275	48.209	ug/l	96
43) Isopropyl Acetate	8.688	43	153034	42.882	ug/l #	92
44) Trichloroethene	9.353	130	70498	48.595	ug/l	94
45) 1,2-Dichloropropane	9.624	63	75878	57.396	ug/l	100
46) Dibromomethane	9.712	93	54807	53.216	ug/l	98
47) Bromodichloromethane	9.888	83	115300	54.182	ug/l	98
48) Methyl methacrylate	9.682	41	79197	53.892	ug/l	92
49) 1,4-Dioxane	9.694	88	28049	874.879	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	508451	273.652	ug/l	95
52) Toluene	10.629	92	193233	54.628	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	114828	52.379	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	115820	49.913	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	72271	55.562	ug/l	98
56) Ethyl methacrylate	10.876	69	114165	56.415	ug/l	89
57) 1,3-Dichloropropane	11.165	76	124881	54.239	ug/l	99
59) 2-Hexanone	11.194	43	374025	270.757	ug/l	94
60) Dibromochloromethane	11.359	129	90131	54.404	ug/l	99
61) 1,2-Dibromoethane	11.471	107	72380	52.400	ug/l	97
64) Tetrachloroethene	11.106	164	70042	48.918	ug/l	97
65) Chlorobenzene	11.894	112	207778	50.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	75991	51.950	ug/l	100
67) Ethyl Benzene	11.965	91	360065	52.095	ug/l	98
68) m/p-Xylenes	12.070	106	278190	106.609	ug/l	98
69) o-Xylene	12.400	106	134632	53.846	ug/l	94
70) Styrene	12.412	104	230502	55.795	ug/l	99
71) Bromoform	12.582	173	59087	51.363	ug/l #	98
73) Isopropylbenzene	12.694	105	337748	56.427	ug/l	99
74) N-amyl acetate	12.494	43	145562	58.793	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	101501	56.621	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	78404m	55.208	ug/l	
77) Bromobenzene	12.982	156	84851	54.949	ug/l	95
78) n-propylbenzene	13.035	91	388948	56.516	ug/l	98
79) 2-Chlorotoluene	13.123	91	233256	53.195	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	269124	55.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	37916	52.508	ug/l	99
82) 4-Chlorotoluene	13.223	91	227086	52.321	ug/l	97
83) tert-Butylbenzene	13.441	119	212050	49.436	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	257602	52.238	ug/l	98
85) sec-Butylbenzene	13.617	105	291908	50.360	ug/l	100
86) p-Isopropyltoluene	13.729	119	240671	49.766	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135372	48.529	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	135448	46.951	ug/l	99
89) n-Butylbenzene	14.059	91	195027	47.072	ug/l	99
90) Hexachloroethane	14.335	117	47543	46.461	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	131341	48.493	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18235	43.969	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	61420	42.100	ug/l	100
94) Hexachlorobutadiene	15.500	225	24581	38.007	ug/l	100
95) Naphthalene	15.641	128	216894	43.406	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	60707	40.470	ug/l	99

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

