

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081739.D
 Acq On : 15 Apr 2024 15:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041524

Quant Time: Apr 20 06:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 20 06:33:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/20/2024
 Supervised By :Semsettin Yesilyurt 04/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	258550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	443986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	418643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	181441	49.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	8.171	113	148975	50.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.620%		
50) Toluene-d8	10.570	98	580084	53.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.420%		
62) 4-Bromofluorobenzene	12.847	95	206521	55.954	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	111.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129952	39.688	ug/l	100
3) Chloromethane	2.359	50	140335	50.705	ug/l	97
4) Vinyl Chloride	2.518	62	193606	48.312	ug/l	97
5) Bromomethane	2.959	94	105440	43.547	ug/l	100
6) Chloroethane	3.124	64	130182	54.646	ug/l	99
7) Trichlorofluoromethane	3.494	101	233649	45.150	ug/l	98
8) Diethyl Ether	3.959	74	76054	41.866	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	136988	42.264	ug/l	99
10) Methyl Iodide	4.589	142	94562	54.356	ug/l	97
11) Tert butyl alcohol	5.518	59	101507	204.532	ug/l	99
12) 1,1-Dichloroethene	4.341	96	127355	41.458	ug/l	94
13) Acrolein	4.177	56	109293	207.156	ug/l	98
14) Allyl chloride	5.024	41	168882	43.319	ug/l	97
15) Acrylonitrile	5.718	53	308534	225.270	ug/l	98
16) Acetone	4.424	43	210145	207.529	ug/l	96
17) Carbon Disulfide	4.712	76	373482	41.830	ug/l	97
18) Methyl Acetate	5.024	43	121515	42.904	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	415641	46.488	ug/l	99
20) Methylene Chloride	5.277	84	146450	48.848	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	141078	45.725	ug/l	92
22) Diisopropyl ether	6.671	45	419554	49.454	ug/l	95
23) Vinyl Acetate	6.600	43	1677439	253.302	ug/l	99
24) 1,1-Dichloroethane	6.565	63	261804	46.902	ug/l	98
25) 2-Butanone	7.482	43	377409	226.086	ug/l	94
26) 2,2-Dichloropropane	7.488	77	245426	50.439	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	175017	46.371	ug/l	97
28) Bromochloromethane	7.818	49	96328	40.421	ug/l	100
29) Tetrahydrofuran	7.841	42	264019	244.463	ug/l	100
30) Chloroform	7.965	83	289677	45.766	ug/l	97
31) Cyclohexane	8.253	56	235049	47.096	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	267183	47.603	ug/l	99
36) 1,1-Dichloropropene	8.371	75	206093	50.454	ug/l	98
37) Ethyl Acetate	7.559	43	176312	52.527	ug/l	98
38) Carbon Tetrachloride	8.365	117	237910	50.061	ug/l	98
39) Methylcyclohexane	9.600	83	257480	53.505	ug/l	95
40) Benzene	8.606	78	628769	49.415	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	93551	51.342	ug/l	97
42) 1,2-Dichloroethane	8.671	62	210086	47.364	ug/l	99
43) Isopropyl Acetate	8.688	43	289210	46.184	ug/l	99
44) Trichloroethene	9.353	130	159509	48.205	ug/l	94
45) 1,2-Dichloropropane	9.624	63	147387	50.240	ug/l	94
46) Dibromomethane	9.712	93	113954	46.540	ug/l	97
47) Bromodichloromethane	9.888	83	233509	49.924	ug/l	95
48) Methyl methacrylate	9.682	41	133820	52.431	ug/l	98
49) 1,4-Dioxane	9.694	88	59367	927.419	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	885695	254.289	ug/l	99
52) Toluene	10.629	92	417613	51.669	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	238065	51.094	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	251949	50.761	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	150585	49.596	ug/l	96
56) Ethyl methacrylate	10.876	69	229269	54.881	ug/l	99
57) 1,3-Dichloropropane	11.165	76	254676	50.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	538835	243.769	ug/l	99
59) 2-Hexanone	11.194	43	676205	268.187	ug/l	100
60) Dibromochloromethane	11.359	129	188467	51.357	ug/l	99
61) 1,2-Dibromoethane	11.470	107	156086	49.284	ug/l	99
64) Tetrachloroethene	11.106	164	167136	47.056	ug/l	97
65) Chlorobenzene	11.894	112	453536	47.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	158137	48.121	ug/l	100
67) Ethyl Benzene	11.965	91	799966	52.757	ug/l	99
68) m/p-Xylenes	12.070	106	639872	108.519	ug/l	99
69) o-Xylene	12.400	106	303439	53.699	ug/l	100
70) Styrene	12.412	104	518423	56.000	ug/l	99
71) Bromoform	12.582	173	120900	47.679	ug/l #	99
73) Isopropylbenzene	12.700	105	798507	49.968	ug/l	99
74) N-amyl acetate	12.494	43	272855	46.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	191814	40.855	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	188067m	42.498	ug/l	
77) Bromobenzene	12.982	156	184044	45.174	ug/l	98
78) n-propylbenzene	13.035	91	945841	51.006	ug/l	99
79) 2-Chlorotoluene	13.129	91	546573	47.287	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	680812	52.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	80969	46.490	ug/l	98
82) 4-Chlorotoluene	13.223	91	556438	48.730	ug/l	99
83) tert-Butylbenzene	13.441	119	575498	50.335	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	683363	51.898	ug/l	98
85) sec-Butylbenzene	13.617	105	832868	52.202	ug/l	99
86) p-Isopropyltoluene	13.729	119	707047	54.067	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	354470	46.551	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	358622	46.185	ug/l	98
89) n-Butylbenzene	14.059	91	613026	53.615	ug/l	99
90) Hexachloroethane	14.335	117	128326	46.098	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	339734	46.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44636	51.258	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	195335	50.313	ug/l	99
94) Hexachlorobutadiene	15.500	225	75908	45.356	ug/l	97
95) Naphthalene	15.641	128	609629	49.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	186558	46.998	ug/l	96

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

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