

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074138.D
 Acq On : 26 Aug 2022 16:08
 Operator : JC\MD
 Sample : VN0826SBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826SBS01

Quant Time: Aug 27 00:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 08/27/2022

Supervised By :Semsettin
 Yesilyurt
 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	455178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	715279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	638928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	315939	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.375	65	278653	62.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.700%#	
35) Dibromofluoromethane	7.951	113	247023	58.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.800%	
50) Toluene-d8	10.380	98	881852	53.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.674	95	309144	56.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.720%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	82745	22.926	ug/l	98
3) Chloromethane	2.263	50	81780	20.376	ug/l	97
4) Vinyl Chloride	2.405	62	111924	21.723	ug/l	98
5) Bromomethane	2.793	94	54926	17.071	ug/l	95
6) Chloroethane	2.963	64	73636	20.230	ug/l	100
7) Trichlorofluoromethane	3.310	101	157295	23.666	ug/l	96
8) Diethyl Ether	3.763	74	58119	23.556	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	82180	21.284	ug/l	94
10) Methyl Iodide	4.346	142	70838	15.282	ug/l	99
11) Tert butyl alcohol	5.304	59	138520	139.681	ug/l	100
12) 1,1-Dichloroethene	4.104	96	78547	21.865	ug/l	95
13) Acrolein	3.981	56	56457	81.334	ug/l	99
14) Allyl chloride	4.757	41	129558	24.351	ug/l	95
15) Acrylonitrile	5.475	53	340289	140.550	ug/l	99
16) Acetone	4.228	43	286238	136.849	ug/l	97
17) Carbon Disulfide	4.451	76	196264	22.977	ug/l	100
18) Methyl Acetate	4.775	43	151105	27.775	ug/l	99
19) Methyl tert-butyl Ether	5.540	73	293734	22.703	ug/l	96
20) Methylene Chloride	5.010	84	102077	23.128	ug/l	100
21) trans-1,2-Dichloroethene	5.510	96	88460	22.351	ug/l	96
22) Diisopropyl ether	6.410	45	285765	25.332	ug/l	99
23) Vinyl Acetate	6.351	43	1197139	123.838	ug/l	99
24) 1,1-Dichloroethane	6.310	63	169703	24.168	ug/l	99
25) 2-Butanone	7.263	43	466169	140.561	ug/l	99
26) 2,2-Dichloropropane	7.251	77	125431	19.013	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	110547	22.639	ug/l	93
28) Bromochloromethane	7.587	49	69896	26.989	ug/l	98
29) Tetrahydrofuran	7.616	42	299798	140.918	ug/l	98
30) Chloroform	7.751	83	183284	23.343	ug/l	97
31) Cyclohexane	8.022	56	139583	22.585	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	152063	21.839	ug/l	98
36) 1,1-Dichloropropene	8.151	75	120389	20.490	ug/l	98
37) Ethyl Acetate	7.339	43	167067	23.471	ug/l	98
38) Carbon Tetrachloride	8.134	117	131175	19.532	ug/l	99
39) Methylcyclohexane	9.398	83	136617	18.557	ug/l	97
40) Benzene	8.392	78	401467	21.650	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	84397	26.237	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	137897	21.627	ug/l	98
43) Isopropyl Acetate	8.498	43	224853	22.174	ug/l	98
44) Trichloroethene	9.151	130	102489	19.135	ug/l	95
45) 1,2-Dichloropropane	9.428	63	100551	22.622	ug/l	99
46) Dibromomethane	9.516	93	73608	21.782	ug/l	98
47) Bromodichloromethane	9.698	83	139263	21.562	ug/l	99
48) Methyl methacrylate	9.498	41	100611	23.188	ug/l	92
49) 1,4-Dioxane	9.510	88	71019	550.411	ug/l	98
51) 4-Methyl-2-Pentanone	10.275	43	847007	123.546	ug/l	99
52) Toluene	10.445	92	254169	19.989	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	133962	19.765	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	149718	20.190	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	107260	21.685	ug/l	96
56) Ethyl methacrylate	10.704	69	156408	22.170	ug/l	96
57) 1,3-Dichloropropane	10.986	76	180164	22.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	315798	93.730	ug/l	100
59) 2-Hexanone	11.027	43	675157	127.960	ug/l	99
60) Dibromochloromethane	11.180	129	112620	20.589	ug/l	100
61) 1,2-Dibromoethane	11.286	107	109800	20.754	ug/l	98
64) Tetrachloroethene	10.916	164	88991	17.647	ug/l	97
65) Chlorobenzene	11.710	112	271404	19.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	105984	20.612	ug/l	98
67) Ethyl Benzene	11.786	91	464111	20.552	ug/l	97
68) m/p-Xylenes	11.898	106	363445	39.611	ug/l	99
69) o-Xylene	12.222	106	179463	19.505	ug/l	99
70) Styrene	12.233	104	299597	20.798	ug/l	98
71) Bromoform	12.398	173	90700	19.757	ug/l #	99
73) Isopropylbenzene	12.522	105	456920	19.861	ug/l	100
74) N-amyl acetate	12.327	43	178854	20.565	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	179484	23.249	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	130045m	19.804	ug/l	
77) Bromobenzene	12.798	156	121730	19.548	ug/l	97
78) n-propylbenzene	12.863	91	511724	20.867	ug/l	100
79) 2-Chlorotoluene	12.945	91	316950	20.740	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	389204	20.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	46188	20.005	ug/l	96
82) 4-Chlorotoluene	13.045	91	311179	21.439	ug/l	99
83) tert-Butylbenzene	13.263	119	342420	19.886	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	389702	20.855	ug/l	99
85) sec-Butylbenzene	13.439	105	464951	20.830	ug/l	100
86) p-Isopropyltoluene	13.557	119	385770	20.287	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	214912	19.901	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	212194	19.389	ug/l	99
89) n-Butylbenzene	13.886	91	288863	19.179	ug/l	99
90) Hexachloroethane	14.151	117	69710	20.056	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	224596	20.140	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	39164	21.485	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	123750	18.233	ug/l	99
94) Hexachlorobutadiene	15.304	225	66159	18.492	ug/l	99
95) Naphthalene	15.433	128	434868	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	136189	19.413	ug/l	98

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

