

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075395.D
 Acq On : 23 Nov 2022 14:47
 Operator : JC\MD
 Sample : VN1123WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Quant Time: Nov 24 06:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	45646	49.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	8.171	113	57337	53.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.000%		
50) Toluene-d8	10.571	98	131048	53.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.560%		
62) 4-Bromofluorobenzene	12.853	95	104862	58.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26058	20.020	ug/l	94
3) Chloromethane	2.371	50	31938	19.720	ug/l	96
4) Vinyl Chloride	2.524	62	43478	21.301	ug/l	96
5) Bromomethane	2.942	94	37059	20.647	ug/l	98
6) Chloroethane	3.112	64	32374	20.932	ug/l	96
7) Trichlorofluoromethane	3.506	101	54159	18.573	ug/l	99
8) Diethyl Ether	3.971	74	20931	20.480	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	32836	20.398	ug/l	94
10) Methyl Iodide	4.600	142	53756	20.608	ug/l	95
11) Tert butyl alcohol	5.542	59	38144	99.446	ug/l	99
12) 1,1-Dichloroethene	4.348	96	30054	19.066	ug/l	98
13) Acrolein	4.195	56	29934	89.583	ug/l	99
14) Allyl chloride	5.036	41	35586	17.453	ug/l	95
15) Acrylonitrile	5.730	53	83633	95.038	ug/l	97
16) Acetone	4.442	43	71209	83.553	ug/l	93
17) Carbon Disulfide	4.724	76	68710	16.773	ug/l	97
18) Methyl Acetate	5.042	43	44498	19.932	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	107855	19.315	ug/l	96
20) Methylene Chloride	5.289	84	34881	19.400	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	32593	18.143	ug/l	97
22) Diisopropyl ether	6.683	45	87190	18.739	ug/l	96
23) Vinyl Acetate	6.612	43	348939	94.264	ug/l	98
24) 1,1-Dichloroethane	6.577	63	57937	19.399	ug/l	97
25) 2-Butanone	7.494	43	110532	92.894	ug/l	98
26) 2,2-Dichloropropane	7.494	77	50952	18.357	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	40050	19.716	ug/l	92
28) Bromochloromethane	7.818	49	22491	18.552	ug/l #	81
29) Tetrahydrofuran	7.841	42	70519	97.435	ug/l	96
30) Chloroform	7.971	83	63268	18.447	ug/l	98
31) Cyclohexane	8.265	56	52596	18.118	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	59479	19.100	ug/l	94
36) 1,1-Dichloropropene	8.377	75	46085	19.534	ug/l	95
37) Ethyl Acetate	7.565	43	41033	19.316	ug/l #	97
38) Carbon Tetrachloride	8.365	117	51887	20.021	ug/l	96
39) Methylcyclohexane	9.606	83	59610	20.189	ug/l	97
40) Benzene	8.612	78	140961	19.515	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21772	20.047	ug/l	95
42) 1,2-Dichloroethane	8.677	62	48374	19.997	ug/l	95
43) Isopropyl Acetate	8.694	43	70207	20.590	ug/l	97
44) Trichloroethene	9.353	130	41300	20.896	ug/l	91
45) 1,2-Dichloropropane	9.624	63	34350	19.956	ug/l	90
46) Dibromomethane	9.712	93	26462	20.325	ug/l #	85
47) Bromodichloromethane	9.888	83	50480	20.021	ug/l	93
48) Methyl methacrylate	9.682	41	32253	20.457	ug/l	96
49) 1,4-Dioxane	9.700	88	19292	430.919	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	226237	104.174	ug/l	97
52) Toluene	10.635	92	95697	20.559	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	50284	19.866	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	54691	19.894	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	37886	19.984	ug/l	97
56) Ethyl methacrylate	10.876	69	56993	22.261	ug/l	94
57) 1,3-Dichloropropane	11.165	76	62148	20.105	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	103563	112.159	ug/l	94
59) 2-Hexanone	11.194	43	169212	103.763	ug/l	95
60) Dibromochloromethane	11.359	129	39860	20.484	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40309	20.485	ug/l	98
64) Tetrachloroethene	11.106	164	38426	19.594	ug/l	89
65) Chlorobenzene	11.894	112	103139	19.447	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	38732	19.568	ug/l	98
67) Ethyl Benzene	11.965	91	186216	20.581	ug/l	97
68) m/p-Xylenes	12.076	106	152236	41.432	ug/l	98
69) o-Xylene	12.400	106	81736	22.389	ug/l	90
70) Styrene	12.412	104	122605	21.289	ug/l	98
71) Bromoform	12.576	173	28681	19.038	ug/l #	94
73) Isopropylbenzene	12.700	105	198532	21.120	ug/l	97
74) N-amyl acetate	12.494	43	63493	21.971	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	61062	21.307	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	50713m	20.847	ug/l	
77) Bromobenzene	12.982	156	47924	20.651	ug/l	87
78) n-propylbenzene	13.035	91	237331	22.624	ug/l	85
79) 2-Chlorotoluene	13.129	91	133687	21.151	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	169840	21.748	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	16106	19.589	ug/l	96
82) 4-Chlorotoluene	13.129	91	133687	21.151	ug/l	97
83) tert-Butylbenzene	13.441	119	146021	20.507	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	167391	21.368	ug/l	100
85) sec-Butylbenzene	13.617	105	237003	24.531	ug/l	98
86) p-Isopropyltoluene	13.729	119	195300	24.026	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	93805	21.334	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	92054	20.610	ug/l	96
89) n-Butylbenzene	14.059	91	163808	23.860	ug/l	98
90) Hexachloroethane	14.335	117	27749	19.788	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	90713	21.165	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12225	22.519	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	50547	23.014	ug/l	99
94) Hexachlorobutadiene	15.506	225	25497	22.287	ug/l	98
95) Naphthalene	15.641	128	178422	25.822	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	47895	22.187	ug/l	92

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

