

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075410.D
 Acq On : 23 Nov 2022 20:46
 Operator : JC\MD
 Sample : VN1123WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 06:54:19 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43256	50.814	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.620%			
35) Dibromofluoromethane	8.171	113	53875	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	10.571	98	124262	51.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.847	95	97416	55.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23066	19.021	ug/l	91
3) Chloromethane	2.377	50	27358	18.131	ug/l	94
4) Vinyl Chloride	2.530	62	35436	18.634	ug/l	91
5) Bromomethane	2.948	94	30926	18.494	ug/l	97
6) Chloroethane	3.124	64	27930	19.383	ug/l	98
7) Trichlorofluoromethane	3.506	101	50463	18.575	ug/l	94
8) Diethyl Ether	3.977	74	18558	19.490	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	28885	19.260	ug/l	96
10) Methyl Iodide	4.595	142	47556	19.569	ug/l	94
11) Tert butyl alcohol	5.530	59	33631	94.111	ug/l	97
12) 1,1-Dichloroethene	4.353	96	27921	19.012	ug/l	85
13) Acrolein	4.189	56	26187	84.118	ug/l	98
14) Allyl chloride	5.036	41	33244	17.500	ug/l	95
15) Acrylonitrile	5.730	53	77201	94.163	ug/l	99
16) Acetone	4.442	43	62697	78.961	ug/l	93
17) Carbon Disulfide	4.718	76	64539	16.910	ug/l	97
18) Methyl Acetate	5.036	43	43112	20.780	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	100440	19.306	ug/l	98
20) Methylene Chloride	5.289	84	32620	19.478	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	31122	18.595	ug/l	95
22) Diisopropyl ether	6.683	45	82646	19.065	ug/l #	95
23) Vinyl Acetate	6.612	43	330217m	95.750	ug/l	
24) 1,1-Dichloroethane	6.583	63	53344	19.171	ug/l	95
25) 2-Butanone	7.494	43	100598	90.747	ug/l	98
26) 2,2-Dichloropropane	7.494	77	45302	17.518	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	38714	20.456	ug/l	90
28) Bromochloromethane	7.818	49	21769	19.274	ug/l #	79
29) Tetrahydrofuran	7.847	42	64897	96.244	ug/l	96
30) Chloroform	7.971	83	59236	18.538	ug/l	93
31) Cyclohexane	8.265	56	49213	18.196	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	55122	18.999	ug/l	96
36) 1,1-Dichloropropene	8.377	75	42876	18.499	ug/l	96
37) Ethyl Acetate	7.571	43	40168	19.248	ug/l	99
38) Carbon Tetrachloride	8.365	117	48457	19.032	ug/l	97
39) Methylcyclohexane	9.606	83	56131	19.351	ug/l	98
40) Benzene	8.612	78	133057	18.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20816	19.510	ug/l	96
42) 1,2-Dichloroethane	8.677	62	44992	18.931	ug/l	99
43) Isopropyl Acetate	8.694	43	76280	22.772	ug/l	96
44) Trichloroethene	9.353	130	38692	19.927	ug/l	89
45) 1,2-Dichloropropane	9.624	63	31625	18.701	ug/l	95
46) Dibromomethane	9.712	93	24235	18.947	ug/l	90
47) Bromodichloromethane	9.888	83	46341	18.709	ug/l	99
48) Methyl methacrylate	9.682	41	29456	19.017	ug/l	94
49) 1,4-Dioxane	9.694	88	16950	385.383	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	207462	97.239	ug/l	96
52) Toluene	10.629	92	91339	19.974	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	47957	19.286	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	51721	19.150	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	37694	20.239	ug/l	96
56) Ethyl methacrylate	10.876	69	52439	20.849	ug/l	93
57) 1,3-Dichloropropane	11.165	76	58878	19.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	101825	112.250	ug/l	96
59) 2-Hexanone	11.200	43	154314	96.321	ug/l	95
60) Dibromochloromethane	11.359	129	39391	20.605	ug/l	97
61) 1,2-Dibromoethane	11.471	107	37361	19.327	ug/l	99
64) Tetrachloroethene	11.106	164	33154	17.435	ug/l	91
65) Chlorobenzene	11.894	112	99591	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38057	19.829	ug/l	96
67) Ethyl Benzene	11.965	91	174953	19.942	ug/l	99
68) m/p-Xylenes	12.071	106	141511	39.720	ug/l	99
69) o-Xylene	12.400	106	70228	19.840	ug/l	97
70) Styrene	12.412	104	116239	20.816	ug/l	98
71) Bromoform	12.576	173	29554	20.232	ug/l #	100
73) Isopropylbenzene	12.694	105	183378	19.965	ug/l	96
74) N-amyl acetate	12.494	43	57445	20.343	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	56853	20.302	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	46045m	19.370	ug/l	
77) Bromobenzene	12.982	156	44387	19.574	ug/l	86
78) n-propylbenzene	13.035	91	208456	20.336	ug/l	94
79) 2-Chlorotoluene	13.123	91	122266	19.796	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	157633	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14828	18.457	ug/l	96
82) 4-Chlorotoluene	13.123	91	122266	19.796	ug/l	96
83) tert-Butylbenzene	13.441	119	137622	19.779	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	153237	20.019	ug/l	99
85) sec-Butylbenzene	13.617	105	202983	21.501	ug/l	100
86) p-Isopropyltoluene	13.729	119	171350	21.572	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	86458	20.123	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	83225	19.069	ug/l	99
89) n-Butylbenzene	14.059	91	140258	20.907	ug/l	98
90) Hexachloroethane	14.335	117	27362	19.968	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	86039	20.544	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11010	20.755	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	47320	22.048	ug/l	99
94) Hexachlorobutadiene	15.500	225	25059	22.416	ug/l	98
95) Naphthalene	15.641	128	153339	22.711	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45382	21.514	ug/l	95

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

