

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068668.D
 Acq On : 25 Sep 2021 15:28
 Operator : JC/MD
 Sample : VN0925WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:00:51 AM

Quant Time: Sep 27 04:44:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	461662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	754343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	721672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	278845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	331758	45.954	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.900%		
35) Dibromofluoromethane	8.024	113	252864	50.075	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.160%		
50) Toluene-d8	10.443	98	975808	45.612	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.734	95	326170	44.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	82605	16.737	ug/l	95
3) Chloromethane	2.301	50	107876	13.253	ug/l	99
4) Vinyl Chloride	2.443	62	130766	16.544	ug/l	99
5) Bromomethane	2.853	94	87951	22.700	ug/l	99
6) Chloroethane	3.017	64	89308	20.301	ug/l	98
7) Trichlorofluoromethane	3.371	101	148471	16.143	ug/l	99
8) Diethyl Ether	3.827	74	53747	16.635	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	83993	17.086	ug/l	90
10) Methyl Iodide	4.428	142	90135	15.254	ug/l	89
11) Tert butyl alcohol	5.366	59	85317	76.907	ug/l	98
12) 1,1-Dichloroethene	4.181	96	77526	16.602	ug/l	86
13) Acrolein	4.047	56	29593	89.510	ug/l	98
14) Allyl chloride	4.843	41	153673	15.855	ug/l	96
15) Acrylonitrile	5.559	53	257847	86.233	ug/l	99
16) Acetone	4.291	43	237840	83.340	ug/l	94
17) Carbon Disulfide	4.535	76	201536	14.557	ug/l	99
18) Methyl Acetate	4.857	43	177308	16.726	ug/l	# 74
19) Methyl tert-butyl Ether	5.616	73	299993	17.122	ug/l	97
20) Methylene Chloride	5.106	84	100409m	17.077	ug/l	
21) trans-1,2-Dichloroethene	5.605	96	84821	16.703	ug/l	88
22) Diisopropyl ether	6.495	45	332853	16.669	ug/l	97
23) Vinyl Acetate	6.436	43	1302723	82.876	ug/l	99
24) 1,1-Dichloroethane	6.391	63	172928	16.704	ug/l	99
25) 2-Butanone	7.335	43	366972	83.522	ug/l	100
26) 2,2-Dichloropropane	7.329	77	148578	16.820	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	101881	17.027	ug/l	91
28) Bromochloromethane	7.662	49	71367	15.471	ug/l	87
29) Tetrahydrofuran	7.686	42	238435	85.376	ug/l	100
30) Chloroform	7.820	83	180516	17.196	ug/l	99
31) Cyclohexane	8.096	56	158171	15.641	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	156961	17.080	ug/l	99
36) 1,1-Dichloropropene	8.223	75	129347	16.978	ug/l	97
37) Ethyl Acetate	7.410	43	150117	17.356	ug/l	98
38) Carbon Tetrachloride	8.209	117	134996	17.155	ug/l	96
39) Methylcyclohexane	9.462	83	150953	16.914	ug/l	95
40) Benzene	8.461	78	394474	17.643	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	77046	16.842	ug/l	98
42) 1,2-Dichloroethane	8.531	62	147565	16.961	ug/l	98
43) Isopropyl Acetate	8.560	43	270470	18.280	ug/l	97
44) Trichloroethene	9.218	130	96848	17.973	ug/l	84
45) 1,2-Dichloropropane	9.494	63	107544	18.269	ug/l	99
46) Dibromomethane	9.580	93	72008	18.501	ug/l #	90
47) Bromodichloromethane	9.765	83	144227	17.870	ug/l	97
48) Methyl methacrylate	9.561	41	109207	16.159	ug/l	97
49) 1,4-Dioxane	9.569	88	34052	345.426	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	801803	89.605	ug/l	100
52) Toluene	10.508	92	252675	17.832	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	155914	17.510	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	162425	17.461	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	100694	18.332	ug/l	97
56) Ethyl methacrylate	10.762	69	159247	16.686	ug/l	99
57) 1,3-Dichloropropane	11.047	76	178712	18.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	158111	69.425	ug/l	96
59) 2-Hexanone	11.087	43	596984	92.776	ug/l	99
60) Dibromochloromethane	11.240	129	115029	19.378	ug/l	100
61) 1,2-Dibromoethane	11.347	107	112617	20.044	ug/l	98
64) Tetrachloroethene	10.980	164	82470	17.403	ug/l	93
65) Chlorobenzene	11.773	112	277550	18.205	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	116555	20.941	ug/l	99
67) Ethyl Benzene	11.851	91	579100	20.849	ug/l	98
68) m/p-Xylenes	11.956	106	556104	54.546	ug/l	88
69) o-Xylene	12.283	106	257308	25.690	ug/l	89
70) Styrene	12.296	104	410224	25.464	ug/l	95
71) Bromoform	12.460	173	102466	24.404	ug/l #	99
73) Isopropylbenzene	12.581	105	598866	23.952	ug/l	97
74) N-amyl acetate	12.390	43	273656	25.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	151248	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	151502m	21.974	ug/l	
77) Bromobenzene	12.865	156	112308	19.592	ug/l	79
78) n-propylbenzene	12.921	91	525682	18.515	ug/l	96
79) 2-Chlorotoluene	13.010	91	320803	18.701	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	384428	19.579	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	49917	20.451	ug/l	93
82) 4-Chlorotoluene	13.106	91	313992	18.836	ug/l	93
83) tert-Butylbenzene	13.326	119	341307	19.137	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	408596	21.346	ug/l	93
85) sec-Butylbenzene	13.503	105	484872	19.984	ug/l	97
86) p-Isopropyltoluene	13.619	119	388928	20.019	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	191211	19.658	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	182137	18.438	ug/l	97
89) n-Butylbenzene	13.946	91	408554	24.238	ug/l	98
90) Hexachloroethane	14.214	117	99389	25.933	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	262390	27.814	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	28663	19.741	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	113964	24.354	ug/l	99
94) Hexachlorobutadiene	15.373	225	64526	25.659	ug/l	97
95) Naphthalene	15.507	128	286024	22.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	106406	23.273	ug/l	98

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

