

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020723.D
 Acq On : 28 Oct 2021 19:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:20 PM

Quant Time: Oct 29 05:47:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	107058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	157770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	146225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	80819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	48973	46.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.080%
35) Dibromofluoromethane	7.884	113	43268	46.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.500%
50) Toluene-d8	10.323	98	160638	46.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.615	95	61826	47.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	16830	51.432	ug/l	95
3) Chloromethane	2.215	50	33765	52.747	ug/l	97
4) Vinyl Chloride	2.355	62	40051	53.462	ug/l	96
5) Bromomethane	2.763	94	17986	59.341	ug/l	94
6) Chloroethane	2.916	64	11527	52.555	ug/l	99
7) Trichlorofluoromethane	3.251	101	17222	48.861	ug/l	95
8) Diethyl Ether	3.684	74	24218	55.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	46547	53.920	ug/l	99
10) Methyl Iodide	4.269	142	57179	52.728	ug/l	99
11) Tert butyl alcohol	5.177	59	15157	270.633	ug/l	99
12) 1,1-Dichloroethene	4.037	96	46056	54.734	ug/l	97
13) Acrolein	3.891	56	6388	259.436	ug/l	99
14) Allyl chloride	4.665	41	67872	52.449	ug/l	99
15) Acrylonitrile	5.366	53	58975	288.357	ug/l	99
16) Acetone	4.129	43	59225	241.160	ug/l	100
17) Carbon Disulfide	4.385	76	126861	54.469	ug/l	99
18) Methyl Acetate	4.671	43	47026	62.493	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	65920	57.168	ug/l	98
20) Methylene Chloride	4.915	84	49904	53.348	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	52101	55.361	ug/l	96
22) Diisopropyl ether	6.311	45	154261	57.146	ug/l	100
23) Vinyl Acetate	6.257	43	417013	283.893	ug/l	100
24) 1,1-Dichloroethane	6.214	63	94857	54.820	ug/l	99
25) 2-Butanone	7.171	43	79798	281.881	ug/l	99
26) 2,2-Dichloropropane	7.165	77	49590	51.508	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	57380	55.742	ug/l	99
28) Bromochloromethane	7.512	49	41377	51.463	ug/l #	99
29) Tetrahydrofuran	7.531	42	51513	300.734	ug/l	99
30) Chloroform	7.677	83	98249	54.388	ug/l	99
31) Cyclohexane	7.957	56	88948	50.439	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	74726	54.029	ug/l	99
36) 1,1-Dichloropropene	8.079	75	76569	54.402	ug/l	98
37) Ethyl Acetate	7.256	43	34431	57.325	ug/l	98
38) Carbon Tetrachloride	8.067	117	69464	53.592	ug/l	94
39) Methylcyclohexane	9.335	83	92649	54.478	ug/l	99
40) Benzene	8.323	78	217499	53.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	22107	62.563	ug/l	90
42) 1,2-Dichloroethane	8.396	62	67892	54.685	ug/l	99
43) Isopropyl Acetate	8.427	43	65979	57.351	ug/l	99
44) Trichloroethene	9.091	130	56305	53.056	ug/l	98
45) 1,2-Dichloropropane	9.372	63	52673	55.284	ug/l	97
46) Dibromomethane	9.457	93	28764	55.559	ug/l	96
47) Bromodichloromethane	9.646	83	72417	55.103	ug/l	95
48) Methyl methacrylate	9.433	41	30959	54.956	ug/l	99
49) 1,4-Dioxane	9.451	88	9045	1317.815	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	180729	300.288	ug/l	99
52) Toluene	10.390	92	138012	55.898	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	73657	55.631	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	84809	55.680	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	40095	55.520	ug/l	91
56) Ethyl methacrylate	10.646	69	54093	53.087	ug/l	99
57) 1,3-Dichloropropane	10.933	76	70801	56.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	111546	260.783	ug/l	100
59) 2-Hexanone	10.969	43	125528	294.924	ug/l	100
60) Dibromochloromethane	11.128	129	46902	54.344	ug/l	99
61) 1,2-Dibromoethane	11.237	107	38514	55.726	ug/l	99
64) Tetrachloroethene	10.859	164	50812	54.567	ug/l	98
65) Chlorobenzene	11.658	112	145396	54.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	53892	55.767	ug/l	97
67) Ethyl Benzene	11.731	91	266340	55.445	ug/l	100
68) m/p-Xylenes	11.841	106	206294	110.868	ug/l	97
69) o-Xylene	12.164	106	97501	56.929	ug/l	99
70) Styrene	12.182	104	165090	56.232	ug/l	99
71) Bromoform	12.347	173	29374	55.611	ug/l #	98
73) Isopropylbenzene	12.463	105	260896	48.428	ug/l	98
74) N-amyl acetate	12.274	43	62746	49.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	46736	54.307	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	37504m	54.130	ug/l	
77) Bromobenzene	12.749	156	62604	53.013	ug/l	98
78) n-propylbenzene	12.804	91	326347	54.263	ug/l	99
79) 2-Chlorotoluene	12.889	91	187981	54.270	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	230072	54.189	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	14991	48.141	ug/l	98
82) 4-Chlorotoluene	12.987	91	196911	53.562	ug/l	97
83) tert-Butylbenzene	13.207	119	196360	54.402	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	230301	54.469	ug/l	100
85) sec-Butylbenzene	13.383	105	292343	53.839	ug/l	100
86) p-Isopropyltoluene	13.499	119	249996	54.225	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	126407	52.226	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	127826	52.938	ug/l	97
89) n-Butylbenzene	13.822	91	232889	53.741	ug/l	99
90) Hexachloroethane	14.091	117	43877	52.285	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	112104	52.899	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8474	55.222	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	77382	53.233	ug/l	98
94) Hexachlorobutadiene	15.231	225	50192	53.435	ug/l	96
95) Naphthalene	15.365	128	143865	51.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	69937	53.574	ug/l	95

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

