

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102921\
 Data File : VW020732.D
 Acq On : 29 Oct 2021 18:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 11/1/2021 6:28:17 PM

Quant Time: Oct 30 07:21:29 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	108655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	157872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	146119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	80304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	49780	46.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.220%		
35) Dibromofluoromethane	7.884	113	43566	47.041	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.080%		
50) Toluene-d8	10.323	98	160329	46.131	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.260%		
62) 4-Bromofluorobenzene	12.615	95	61403	46.830	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	16325	49.442	ug/l	96
3) Chloromethane	2.209	50	30241	46.548	ug/l	97
4) Vinyl Chloride	2.349	62	38188	50.226	ug/l	98
5) Bromomethane	2.763	94	18968	61.661	ug/l	95
6) Chloroethane	2.910	64	12937	57.541	ug/l	99
7) Trichlorofluoromethane	3.245	101	13993	39.116	ug/l	96
8) Diethyl Ether	3.678	74	22580	50.928	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	43525	49.678	ug/l	99
10) Methyl Iodide	4.269	142	55174	50.249	ug/l	98
11) Tert butyl alcohol	5.178	59	14387	253.109	ug/l	99
12) 1,1-Dichloroethene	4.038	96	41932	49.101	ug/l	95
13) Acrolein	3.891	56	6310	252.501	ug/l	99
14) Allyl chloride	4.659	41	56557	43.063	ug/l	99
15) Acrylonitrile	5.367	53	56183	270.668	ug/l	98
16) Acetone	4.123	43	51484	208.513	ug/l	99
17) Carbon Disulfide	4.379	76	115927	49.042	ug/l	99
18) Methyl Acetate	4.665	43	41067	53.772	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	60607	51.788	ug/l	97
20) Methylene Chloride	4.915	84	49042	51.512	ug/l	96
21) trans-1,2-Dichloroethene	5.421	96	47483	49.713	ug/l	94
22) Diisopropyl ether	6.305	45	140305	51.212	ug/l	98
23) Vinyl Acetate	6.251	43	398715	267.447	ug/l	99
24) 1,1-Dichloroethane	6.214	63	86955	49.515	ug/l	98
25) 2-Butanone	7.171	43	72972	253.980	ug/l	99
26) 2,2-Dichloropropane	7.165	77	44398	45.437	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	53140	50.865	ug/l	100
28) Bromochloromethane	7.513	49	40776	49.970	ug/l #	98
29) Tetrahydrofuran	7.531	42	49068	282.250	ug/l	99
30) Chloroform	7.671	83	90375	49.294	ug/l	99
31) Cyclohexane	7.951	56	80175	44.796	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	68842	49.043	ug/l	99
36) 1,1-Dichloropropene	8.079	75	69472	49.328	ug/l	99
37) Ethyl Acetate	7.250	43	33287	55.384	ug/l	99
38) Carbon Tetrachloride	8.067	117	63910	49.275	ug/l	98
39) Methylcyclohexane	9.335	83	85252	50.096	ug/l	99
40) Benzene	8.323	78	195911	48.468	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	18657	52.765	ug/l	98
42) 1,2-Dichloroethane	8.396	62	64120	51.614	ug/l	100
43) Isopropyl Acetate	8.427	43	62428	54.229	ug/l	100
44) Trichloroethene	9.091	130	54087	50.933	ug/l	94
45) 1,2-Dichloropropane	9.366	63	49330	51.742	ug/l	97
46) Dibromomethane	9.457	93	27158	52.423	ug/l	98
47) Bromodichloromethane	9.646	83	67725	51.499	ug/l	94
48) Methyl methacrylate	9.433	41	29190	51.782	ug/l	99
49) 1,4-Dioxane	9.451	88	8263	1203.103	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	169163	280.889	ug/l	100
52) Toluene	10.384	92	127686	51.682	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	68686	51.843	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	77418	50.795	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	38217	52.885	ug/l	94
56) Ethyl methacrylate	10.646	69	51437	50.593	ug/l	99
57) 1,3-Dichloropropane	10.933	76	66114	52.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	115644	270.189	ug/l	99
59) 2-Hexanone	10.969	43	118641	278.564	ug/l	100
60) Dibromochloromethane	11.128	129	45474	52.655	ug/l	97
61) 1,2-Dibromoethane	11.231	107	36969	53.456	ug/l	97
64) Tetrachloroethene	10.859	164	49815	53.536	ug/l	97
65) Chlorobenzene	11.658	112	135602	51.176	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	50265	52.051	ug/l	98
67) Ethyl Benzene	11.731	91	243950	50.821	ug/l	100
68) m/p-Xylenes	11.841	106	190351	102.374	ug/l	99
69) o-Xylene	12.164	106	90370	52.804	ug/l	97
70) Styrene	12.182	104	157516	53.691	ug/l	100
71) Bromoform	12.347	173	28049	53.141	ug/l #	98
73) Isopropylbenzene	12.463	105	241250	45.290	ug/l	98
74) N-amyl acetate	12.274	43	60085	47.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	44497	52.037	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	36102m	52.441	ug/l	
77) Bromobenzene	12.749	156	59867	51.020	ug/l	99
78) n-propylbenzene	12.804	91	296081	49.547	ug/l	99
79) 2-Chlorotoluene	12.890	91	170969	49.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	212367	50.339	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	14082	45.736	ug/l	98
82) 4-Chlorotoluene	12.987	91	180260	49.348	ug/l	98
83) tert-Butylbenzene	13.207	119	179450	50.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	213779	50.885	ug/l	98
85) sec-Butylbenzene	13.383	105	264800	49.079	ug/l	99
86) p-Isopropyltoluene	13.493	119	234127	51.108	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	122223	50.822	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	118405	49.351	ug/l	97
89) n-Butylbenzene	13.822	91	213107	49.491	ug/l	100
90) Hexachloroethane	14.091	117	40151	48.151	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	107613	51.106	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7810	51.221	ug/l	98
93) 1,2,4-Trichlorobenzene	15.127	180	70226	48.620	ug/l	96
94) Hexachlorobutadiene	15.231	225	46368	49.681	ug/l	98
95) Naphthalene	15.365	128	134734	48.687	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	63633	49.057	ug/l	99

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

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