

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071321\
 Data File : VW019472.D
 Acq On : 13 Jul 2021 16:10
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Jul 14 02:27:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 14 02:25:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	490220	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	454042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	229222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	171652	24.713	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.840%		
7) Chloroethane-d5	2.898	69	126210	25.481	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.920%		
11) 1,1-Dichloroethene-d2	4.025	63	335063	25.001	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	100.000%		
21) 2-Butanone-d5	7.086	46	89838	44.563	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.120%		
24) Chloroform-d	7.653	84	331882	24.502	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.000%		
26) 1,2-Dichloroethane-d4	8.305	65	177127	23.829	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.320%		
32) Benzene-d6	8.275	84	669915	24.786	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.160%		
36) 1,2-Dichloropropane-d6	9.274	67	204466	24.272	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.080%		
41) Toluene-d8	10.323	98	603428	24.763	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.040%		
43) trans-1,3-Dichloroprop...	10.579	79	86768	24.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.200%		
47) 2-Hexanone-d5	10.927	63	72360	46.300	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.600%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	163326	23.994	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.960%		
66) 1,2-Dichlorobenzene-d4	13.853	152	200119	24.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	151460	25.937	ug/L	96
3) Chloromethane	2.215	50	146315	24.417	ug/L	100
5) Vinyl chloride	2.367	62	212229	25.733	ug/L	97
6) Bromomethane	2.788	94	117656	25.800	ug/L	98
8) Chloroethane	2.928	64	116494	26.537	ug/L	99
9) Trichlorofluoromethane	3.263	101	130471	26.041	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	168507	26.293	ug/L	96
12) 1,1-Dichloroethene	4.044	96	168931	26.396	ug/L	89
13) Acetone	4.147	43	74904	50.425	ug/L	90
14) Carbon disulfide	4.391	76	529825	25.852	ug/L	100
15) Methyl Acetate	4.678	43	75333	22.786	ug/L	99
16) Methylene chloride	4.922	84	235778	24.126	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	180000	25.863	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	240240	24.985	ug/L	95
19) 1,1-Dichloroethane	6.214	63	329833	25.812	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	191435	26.007	ug/L	91
22) 2-Butanone	7.177	43	106047	46.137	ug/L	96
23) Bromochloromethane	7.519	128	84013	25.342	ug/L	98
25) Chloroform	7.677	83	324664	25.686	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	214068	25.172	ug/L	96
29) Cyclohexane	7.958	56	309779	26.605	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	252254	26.919	ug/L	99
31) Carbon tetrachloride	8.067	117	238326	27.335	ug/L	98
33) Benzene	8.323	78	752210	26.468	ug/L	100
34) Trichloroethene	9.092	95	189392	26.111	ug/L	93
35) Methylcyclohexane	9.335	83	345191	26.893	ug/L	96
37) 1,2-Dichloropropane	9.372	63	187122	25.982	ug/L	99
38) Bromodichloromethane	9.646	83	232175	25.998	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	287687	26.120	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	218845	48.144	ug/L	97
42) Toluene	10.390	91	785729	26.526	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	247454	25.542	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	135400	25.267	ug/L	97
46) Tetrachloroethene	10.866	164	147816	26.738	ug/L	98
48) 2-Hexanone	10.969	43	150143	48.496	ug/L	96
49) Dibromochloromethane	11.128	129	150747	26.158	ug/L	97
50) 1,2-Dibromoethane	11.238	107	129408	25.178	ug/L	98
51) Chlorobenzene	11.658	112	489794	26.295	ug/L	98
52) Ethylbenzene	11.731	91	864874	26.820	ug/L	96
53) m,p-Xylene	11.841	106	326640	26.802	ug/L	95
54) o-Xylene	12.164	106	308879	26.821	ug/L	89
55) Styrene	12.182	104	544537	27.290	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	164373	24.908	ug/L	97
59) Bromoform	12.347	173	82168	25.114	ug/L	99
60) Isopropylbenzene	12.463	105	837910	27.199	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	122431	24.382	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	712267	27.614	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	707739	27.231	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	370314	26.269	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	371669	26.682	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	338607	26.662	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	25896	23.633	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	265147	25.741	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	218637	25.388	ug/L	98
71) Naphthalene	15.365	128	442076	25.416	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	198022	25.676	ug/L	98

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

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