

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019122.D
 Acq On : 04 Jun 2021 09:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025124

Quant Time: Jun 05 00:31:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 04 01:03:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	596514	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	543490	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	271995	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	192422	24.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
7) Chloroethane-d5	2.898	69	163580	24.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	4.031	63	387188	24.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.840%
21) 2-Butanone-d5	7.086	46	85103	41.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.380%
24) Chloroform-d	7.653	84	383445	23.910	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.640%
26) 1,2-Dichloroethane-d4	8.305	65	200775	22.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.280%
32) Benzene-d6	8.275	84	753362	24.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.274	67	221073	23.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	10.323	98	687655	24.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.579	79	95543	23.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.927	63	70866	44.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173916	22.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	222899	23.479	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	192503	24.910	ug/L	# 87
3) Chloromethane	2.221	50	171939	24.064	ug/L	98
5) Vinyl chloride	2.367	62	278497	25.534	ug/L	96
6) Bromomethane	2.788	94	183539	22.631	ug/L	97
8) Chloroethane	2.934	64	162914	25.125	ug/L	97
9) Trichlorofluoromethane	3.263	101	153762	25.686	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	216464	25.281	ug/L	97
12) 1,1-Dichloroethene	4.050	96	218537	25.836	ug/L	94
13) Acetone	4.135	43	80332	43.876	ug/L	87
14) Carbon disulfide	4.391	76	681516	25.491	ug/L	99
15) Methyl Acetate	4.684	43	77554	21.060	ug/L	97
16) Methylene chloride	4.922	84	226075	20.425	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	224897	24.678	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	274802	23.327	ug/L	98
19) 1,1-Dichloroethane	6.220	63	396486	24.512	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	232579	24.512	ug/L	100
22) 2-Butanone	7.177	43	110892	45.299	ug/L	98
23) Bromochloromethane	7.513	128	98316	23.553	ug/L	96
25) Chloroform	7.677	83	402711	24.410	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	258554	23.144	ug/L	99
29) Cyclohexane	7.958	56	370053	26.166	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	323219	25.846	ug/L	99
31) Carbon tetrachloride	8.067	117	298592	25.859	ug/L	98
33) Benzene	8.323	78	898518	25.134	ug/L	100
34) Trichloroethene	9.092	95	233065	25.010	ug/L	95
35) Methylcyclohexane	9.335	83	409784	25.554	ug/L	98
37) 1,2-Dichloropropane	9.372	63	218047	24.831	ug/L	99
38) Bromodichloromethane	9.646	83	282764	24.825	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	338490	24.877	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	229056	43.799	ug/L	96
42) Toluene	10.390	91	970856	25.243	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	295837	24.632	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	156745	23.707	ug/L	97
46) Tetrachloroethene	10.866	164	179981	25.266	ug/L	98
48) 2-Hexanone	10.969	43	170300	48.441	ug/L	97
49) Dibromochloromethane	11.128	129	175322	23.925	ug/L	89
50) 1,2-Dibromoethane	11.238	107	149688	23.368	ug/L	97
51) Chlorobenzene	11.658	112	581753	24.505	ug/L	99
52) Ethylbenzene	11.731	91	1070802	25.309	ug/L	98
53) m,p-Xylene	11.841	106	402559	25.801	ug/L	100
54) o-Xylene	12.164	106	374039	25.167	ug/L	90
55) Styrene	12.182	104	639183	25.008	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	186862	22.933	ug/L	99
59) Bromoform	12.347	173	96711	23.080	ug/L	97
60) Isopropylbenzene	12.463	105	1057040	25.958	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	136683	22.462	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	862723	25.795	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	872139	26.123	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	432001	24.308	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	436762	24.034	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	397184	24.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	29026	21.790	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	318403	24.796	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	264742	25.121	ug/L	99
71) Naphthalene	15.365	128	506621	24.111	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	226957	24.306	ug/L	98

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

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