

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110922\
 Data File : VW025029.D
 Acq On : 09 Nov 2022 14:31
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Nov 10 00:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 00:20:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	272745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	251726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55329	18.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.885	69	39565	22.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	4.019	63	160077	20.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.960%
21) 2-Butanone-d5	7.074	46	45496	44.033	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.060%
24) Chloroform-d	7.647	84	212850	25.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.840%
26) 1,2-Dichloroethane-d4	8.305	65	118747	25.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.520%
32) Benzene-d6	8.275	84	390721	24.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.275	67	110206	23.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.240%
41) Toluene-d8	10.317	98	360064	23.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	10.573	79	49162	23.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.921	63	37689	46.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88554	23.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	123328	25.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	19035	20.924	ug/L	100
3) Chloromethane	2.215	50	42664	19.499	ug/L	99
5) Vinyl chloride	2.361	62	62040	20.521	ug/L	95
6) Bromomethane	2.776	94	32504	21.544	ug/L	97
8) Chloroethane	2.922	64	27522	21.823	ug/L	95
9) Trichlorofluoromethane	3.257	101	45022	17.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	82145	22.872	ug/L	99
12) 1,1-Dichloroethene	4.038	96	77267	22.838	ug/L	93
13) Acetone	4.123	43	27484	37.444	ug/L	94
14) Carbon disulfide	4.385	76	210364	21.285	ug/L	95
15) Methyl Acetate	4.666	43	30156	20.636	ug/L	99
16) Methylene chloride	4.916	84	89606	18.503	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	85797	23.683	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	140487	23.117	ug/L	98
19) 1,1-Dichloroethane	6.214	63	158217	23.589	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	93715	23.734	ug/L	100
22) 2-Butanone	7.165	43	39802	36.193	ug/L	99
23) Bromochloromethane	7.513	128	42156	24.627	ug/L	93
25) Chloroform	7.677	83	180066	25.438	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121111	25.223	ug/L	98
29) Cyclohexane	7.952	56	127177	21.396	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	153677	24.947	ug/L	99
31) Carbon tetrachloride	8.067	117	140507	25.525	ug/L	98
33) Benzene	8.324	78	362198	23.894	ug/L	100
34) Trichloroethene	9.092	95	95423	23.779	ug/L	99
35) Methylcyclohexane	9.336	83	153889	22.569	ug/L	98
37) 1,2-Dichloropropane	9.366	63	85934	23.357	ug/L	98
38) Bromodichloromethane	9.640	83	132724	25.847	ug/L	97
39) cis-1,3-Dichloropropene	10.067	75	141226	24.281	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	90400	41.870	ug/L	98
42) Toluene	10.384	91	392987	24.419	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	125789	24.327	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	65717	23.657	ug/L	100
46) Tetrachloroethene	10.860	164	70384	24.525	ug/L	92
48) 2-Hexanone	10.969	43	63070	42.239	ug/L	98
49) Dibromochloromethane	11.128	129	87605	25.871	ug/L	96
50) 1,2-Dibromoethane	11.232	107	61490	23.405	ug/L	99
51) Chlorobenzene	11.658	112	258565	24.787	ug/L	97
52) Ethylbenzene	11.731	91	453883	24.433	ug/L	98
53) m,p-Xylene	11.835	106	176031	24.480	ug/L	97
54) o-Xylene	12.164	106	172413	25.415	ug/L	96
55) Styrene	12.183	104	292968	24.864	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	75904	22.777	ug/L	96
59) Bromoform	12.347	173	44902	24.743	ug/L #	99
60) Isopropylbenzene	12.463	105	471079	24.421	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	56490	21.915	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	414696	24.765	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	410981	25.029	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	199187	24.758	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	197240	24.570	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	181965	25.155	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	13706	23.009	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	138563	26.003	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	110419	26.660	ug/L	99
71) Naphthalene	15.359	128	210439	24.086	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	92130	25.529	ug/L	97

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

