

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022522\
 Data File : VW022147.D
 Acq On : 25 Feb 2022 09:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Feb 28 01:03:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 25 04:49:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	160661	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	147608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	44806	21.382	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	2.891	69	32386	19.642	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.560%
11) 1,1-Dichloroethene-d2	4.025	63	70317	21.912	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	7.086	46	18230	51.741	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.480%
24) Chloroform-d	7.653	84	81786	22.816	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	8.311	65	42729	22.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.720%
32) Benzene-d6	8.275	84	152305	22.171	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	9.274	67	42953	22.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	10.323	98	148127	21.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	10.579	79	18720	22.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.927	63	17071	54.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42594	25.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	58413	22.529	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	9330	20.779	ug/L	92
3) Chloromethane	2.221	50	37433	24.329	ug/L	96
5) Vinyl chloride	2.367	62	55756	24.118	ug/L	100
6) Bromomethane	2.788	94	42479	26.310	ug/L	93
8) Chloroethane	2.928	64	28628	22.044	ug/L	99
9) Trichlorofluoromethane	3.269	101	52658	33.550	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	44763	23.376	ug/L	96
12) 1,1-Dichloroethene	4.050	96	38883	23.429	ug/L	92
13) Acetone	4.147	43	17916	62.259	ug/L	95
14) Carbon disulfide	4.391	76	93739	21.786	ug/L	99
15) Methyl Acetate	4.678	43	16127	24.893	ug/L	96
16) Methylene chloride	4.922	84	42171	21.384	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	43955	24.113	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	63623	25.654	ug/L	99
19) 1,1-Dichloroethane	6.226	63	73852	25.025	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	48945	24.786	ug/L	91
22) 2-Butanone	7.183	43	24524	59.326	ug/L	98
23) Bromochloromethane	7.513	128	24067	24.950	ug/L	97
25) Chloroform	7.683	83	85457	24.818	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53403	25.180	ug/L	99
29) Cyclohexane	7.958	56	63605	25.893	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	75632	25.468	ug/L	99
31) Carbon tetrachloride	8.067	117	70802	25.086	ug/L	99
33) Benzene	8.323	78	177207	24.831	ug/L	100
34) Trichloroethene	9.092	95	49167	24.062	ug/L	98
35) Methylcyclohexane	9.335	83	79717	25.222	ug/L	99
37) 1,2-Dichloropropane	9.372	63	41621	24.999	ug/L	99
38) Bromodichloromethane	9.646	83	60593	25.379	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	66715	26.362	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	48546	53.994	ug/L	100
42) Toluene	10.390	91	202998	25.133	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	59609	26.211	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	36617	24.803	ug/L	92
46) Tetrachloroethene	10.860	164	43459	24.279	ug/L	93
48) 2-Hexanone	10.969	43	38674	61.975	ug/L	99
49) Dibromochloromethane	11.128	129	46409	25.879	ug/L	99
50) 1,2-Dibromoethane	11.238	107	35811	25.148	ug/L	96
51) Chlorobenzene	11.658	112	137079	24.386	ug/L	98
52) Ethylbenzene	11.731	91	231824	25.934	ug/L	97
53) m,p-Xylene	11.835	106	94774	25.766	ug/L	97
54) o-Xylene	12.164	106	89435	25.841	ug/L	89
55) Styrene	12.182	104	152982	26.367	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	43814	25.578	ug/L	99
59) Bromoform	12.353	173	26043	24.396	ug/L #	93
60) Isopropylbenzene	12.463	105	249079	25.704	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32077	25.177	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	169806	26.352	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	209889	26.653	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	120801	25.130	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	118317	24.561	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	107587	25.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6457	23.974	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.621	180	85790	24.865	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	66340	25.412	ug/L	97
71) Naphthalene	15.359	128	128925	27.975	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	55322	24.500	ug/L	98

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

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