

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020922\
 Data File : VW022079.D
 Acq On : 09 Feb 2022 11:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025557

Quant Time: Feb 10 04:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	141969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	135586	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39449	23.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
7) Chloroethane-d5	2.885	69	29538	22.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.019	63	66270	21.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.720%
21) 2-Butanone-d5	7.080	46	15269	50.340	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.680%
24) Chloroform-d	7.647	84	81274	24.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.305	65	40390	24.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.275	84	151586	22.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	9.275	67	41877	22.470	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.323	98	148003	21.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.579	79	18131	22.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.927	63	13751	50.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	37679	24.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	59512	22.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7770	23.497	ug/L	97
3) Chloromethane	2.215	50	34649	23.223	ug/L	98
5) Vinyl chloride	2.361	62	50788	23.701	ug/L	98
6) Bromomethane	2.782	94	31497	17.285	ug/L	97
8) Chloroethane	2.922	64	25748	23.383	ug/L	95
9) Trichlorofluoromethane	3.263	101	36597	22.622	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	41775	24.373	ug/L	96
12) 1,1-Dichloroethene	4.038	96	36824	23.280	ug/L	96
13) Acetone	4.135	43	10923	38.559	ug/L	95
14) Carbon disulfide	4.379	76	98037	21.248	ug/L	99
15) Methyl Acetate	4.678	43	12312	23.768	ug/L #	89
16) Methylene chloride	4.916	84	38068	23.012	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	41327	23.429	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	55346	24.471	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	67172	24.579	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	44920	24.817	ug/L	99
22) 2-Butanone	7.171	43	16968	46.263	ug/L	98
23) Bromochloromethane	7.513	128	21609	24.245	ug/L	97
25) Chloroform	7.671	83	78452	25.362	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	47204	25.924	ug/L	100
29) Cyclohexane	7.952	56	60069	22.569	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	68475	22.821	ug/L	98
31) Carbon tetrachloride	8.067	117	66589	22.673	ug/L	97
33) Benzene	8.324	78	165356	23.261	ug/L	100
34) Trichloroethene	9.092	95	46733	23.122	ug/L	95
35) Methylcyclohexane	9.336	83	75988	22.285	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37663	24.122	ug/L	99
38) Bromodichloromethane	9.640	83	55933	25.085	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	60344	24.097	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	36573	47.742	ug/L	99
42) Toluene	10.384	91	193514	24.015	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	53701	24.875	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	31909	24.045	ug/L	99
46) Tetrachloroethene	10.860	164	41347	21.947	ug/L	91
48) 2-Hexanone	10.963	43	27407	48.067	ug/L	99
49) Dibromochloromethane	11.128	129	40102	23.997	ug/L	99
50) 1,2-Dibromoethane	11.232	107	31225	23.765	ug/L	100
51) Chlorobenzene	11.658	112	128476	23.427	ug/L	98
52) Ethylbenzene	11.731	91	216148	24.311	ug/L	99
53) m,p-Xylene	11.835	106	88174	23.903	ug/L	89
54) o-Xylene	12.164	106	84761	24.563	ug/L	98
55) Styrene	12.177	104	141125	25.319	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	36603	25.340	ug/L	94
59) Bromoform	12.347	173	21169	21.946	ug/L #	94
60) Isopropylbenzene	12.463	105	232857	24.403	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26388	24.801	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	158130	24.987	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	193283	25.068	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	109386	23.926	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	105566	23.068	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	95766	23.568	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5394	24.918	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	75378	22.932	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	56697	21.715	ug/L	98
71) Naphthalene	15.365	128	101297	23.780	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	50589	22.669	ug/L	95

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

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