

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040422\
 Data File : VW022382.D
 Acq On : 04 Apr 2022 12:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025591

Quant Time: Apr 05 01:53:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 05 01:44:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	243579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	135976	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	99383	23.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
7) Chloroethane-d5	2.891	69	70371	28.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.760%
11) 1,1-Dichloroethene-d2	4.025	63	155663	25.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.240%
21) 2-Butanone-d5	7.080	46	40108	39.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.200%
24) Chloroform-d	7.653	84	174579	24.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.305	65	97245	23.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.275	84	340359	25.446	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.274	67	96979	24.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.600%
41) Toluene-d8	10.323	98	340891	26.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.160%
43) trans-1,3-Dichloroprop...	10.579	79	49356	24.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.760%
47) 2-Hexanone-d5	10.921	63	34885	42.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.820%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	81372	24.020	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	110012	25.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	24975	18.761	ug/L	93
3) Chloromethane	2.221	50	59330	19.293	ug/L	94
5) Vinyl chloride	2.367	62	125270	24.934	ug/L	99
6) Bromomethane	2.782	94	77889	30.105	ug/L	91
8) Chloroethane	2.928	64	59124	28.297	ug/L	95
9) Trichlorofluoromethane	3.257	101	48677	32.721	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	85438	25.129	ug/L	96
12) 1,1-Dichloroethene	4.044	96	78971	24.782	ug/L	83
13) Acetone	4.129	43	30064	43.343	ug/L	90
14) Carbon disulfide	4.391	76	256570	25.521	ug/L	96
15) Methyl Acetate	4.678	43	34266	18.938	ug/L #	88
16) Methylene chloride	4.922	84	83612	22.075	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	90834	24.066	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	146647	22.291	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	160494	23.156	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	96630	24.040	ug/L	87
22) 2-Butanone	7.171	43	45764	41.828	ug/L	93
23) Bromochloromethane	7.513	128	41512	23.543	ug/L #	65
25) Chloroform	7.677	83	167651	23.696	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	119564	22.507	ug/L	95
29) Cyclohexane	7.958	56	155430	23.439	ug/L	92
30) 1,1,1-Trichloroethane	7.878	97	152170	25.340	ug/L	94
31) Carbon tetrachloride	8.067	117	134264	24.822	ug/L	97
33) Benzene	8.323	78	385275	24.641	ug/L	100
34) Trichloroethene	9.092	95	103058	25.375	ug/L	96
35) Methylcyclohexane	9.335	83	177412	24.813	ug/L	92
37) 1,2-Dichloropropane	9.366	63	91795	23.691	ug/L	99
38) Bromodichloromethane	9.646	83	130152	24.084	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	149924	23.664	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	112486	41.284	ug/L #	92
42) Toluene	10.390	91	446350	25.666	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	139096	23.706	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	68870	23.766	ug/L	92
46) Tetrachloroethene	10.866	164	80876	27.770	ug/L	96
48) 2-Hexanone	10.969	43	80112	41.649	ug/L #	94
49) Dibromochloromethane	11.128	129	87231	24.315	ug/L	99
50) 1,2-Dibromoethane	11.231	107	67090	22.796	ug/L	96
51) Chlorobenzene	11.658	112	277428	25.801	ug/L	94
52) Ethylbenzene	11.731	91	493456	25.583	ug/L	98
53) m,p-Xylene	11.835	106	197501	26.826	ug/L	95
54) o-Xylene	12.164	106	185168	25.964	ug/L	88
55) Styrene	12.176	104	314633	25.400	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	87025	23.451	ug/L	96
59) Bromoform	12.347	173	49214	24.291	ug/L #	99
60) Isopropylbenzene	12.463	105	522445	25.580	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	62399	21.115	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	287715	25.266	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	428742	25.085	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	214959	26.555	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	210114	24.735	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	187012	25.111	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	14835	19.480	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	141897	25.881	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	118261	26.309	ug/L	99
71) Naphthalene	15.359	128	233838	22.439	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	99784	25.344	ug/L	95

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

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