

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111822\
 Data File : VW025104.D
 Acq On : 18 Nov 2022 17:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Quant Time: Nov 19 04:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 23:58:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	405040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	367956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	185603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	93947	20.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
7) Chloroethane-d5	2.892	69	73232	27.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	4.025	63	244568	21.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	87619	57.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
24) Chloroform-d	7.653	84	313748	25.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	8.305	65	158099	22.977	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.275	84	594235	25.196	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.275	67	186700	27.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.080%
41) Toluene-d8	10.323	98	528865	24.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.579	79	71619	23.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.927	63	68790	57.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	156536	28.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	176190	24.702	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	19984	14.792	ug/L	93
3) Chloromethane	2.221	50	87604	26.960	ug/L	97
5) Vinyl chloride	2.367	62	125983	28.060	ug/L	93
6) Bromomethane	2.788	94	57645	25.728	ug/L	96
8) Chloroethane	2.928	64	56903	30.383	ug/L	96
9) Trichlorofluoromethane	3.263	101	94889	25.194	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139736	26.200	ug/L	99
12) 1,1-Dichloroethene	4.044	96	127815	25.439	ug/L	87
13) Acetone	4.123	43	56936	52.234	ug/L	97
14) Carbon disulfide	4.391	76	325876	22.203	ug/L	97
15) Methyl Acetate	4.672	43	55883	25.751	ug/L	98
16) Methylene chloride	4.922	84	150394	20.912	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	136182	25.312	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	224136	24.836	ug/L	98
19) 1,1-Dichloroethane	6.220	63	265703	26.675	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	154356	26.323	ug/L	100
22) 2-Butanone	7.171	43	78878	48.299	ug/L	100
23) Bromochloromethane	7.519	128	66236	26.056	ug/L	95
25) Chloroform	7.677	83	275585	26.215	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	170303	23.884	ug/L	97
29) Cyclohexane	7.958	56	227606	26.197	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	229140	25.447	ug/L	98
31) Carbon tetrachloride	8.074	117	202544	25.173	ug/L	98
33) Benzene	8.323	78	594349	26.823	ug/L	100
34) Trichloroethene	9.092	95	155037	26.431	ug/L	99
35) Methylcyclohexane	9.336	83	258654	25.951	ug/L	99
37) 1,2-Dichloropropane	9.366	63	151667	28.201	ug/L	100
38) Bromodichloromethane	9.646	83	199945	26.638	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	232004	27.288	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	167123	52.955	ug/L	99
42) Toluene	10.390	91	642652	27.319	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	195611	25.880	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	110534	27.221	ug/L	99
46) Tetrachloroethene	10.860	164	109424	26.085	ug/L	95
48) 2-Hexanone	10.969	43	115937	53.119	ug/L	99
49) Dibromochloromethane	11.128	129	132371	26.743	ug/L	99
50) 1,2-Dibromoethane	11.238	107	102078	26.580	ug/L	97
51) Chlorobenzene	11.658	112	404531	26.530	ug/L	98
52) Ethylbenzene	11.731	91	722507	26.608	ug/L	97
53) m,p-Xylene	11.835	106	280414	26.678	ug/L	99
54) o-Xylene	12.164	106	266188	26.844	ug/L	97
55) Styrene	12.176	104	460631	26.745	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	132084	27.115	ug/L #	97
59) Bromoform	12.347	173	67345	25.654	ug/L	97
60) Isopropylbenzene	12.463	105	746528	26.753	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95737	25.675	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	639505	26.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	631621	26.591	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	314552	27.028	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	293947	25.312	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	278319	26.597	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19887	23.078	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	202985	26.333	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	157633	26.310	ug/L	99
71) Naphthalene	15.365	128	322106	25.485	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135385	25.934	ug/L	100

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

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