

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012623\
 Data File : VW025241.D
 Acq On : 26 Jan 2023 15:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jan 27 00:38:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 27 00:36:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	394522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	86655	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
7) Chloroethane-d5	2.885	69	65206	22.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.360%
11) 1,1-Dichloroethene-d2	4.019	63	220271	21.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.840%
21) 2-Butanone-d5	7.080	46	52340	45.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.180%
24) Chloroform-d	7.647	84	246090	24.888	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	8.305	65	128218	25.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	488617	23.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	9.275	67	138939	22.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	10.323	98	446115	23.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.579	79	59939	22.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.760%
47) 2-Hexanone-d5	10.921	63	43455	44.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106456	24.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	142598	22.363	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41167	18.397	ug/L	92
3) Chloromethane	2.215	50	78992	20.026	ug/L	95
5) Vinyl chloride	2.361	62	110131	21.890	ug/L	99
6) Bromomethane	2.782	94	56360	21.341	ug/L	99
8) Chloroethane	2.922	64	52788	22.511	ug/L	99
9) Trichlorofluoromethane	3.263	101	85606	24.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	116267	22.925	ug/L	99
12) 1,1-Dichloroethene	4.038	96	109411	22.369	ug/L	99
13) Acetone	4.123	43	57858	42.618	ug/L	99
14) Carbon disulfide	4.385	76	348943	21.531	ug/L	99
15) Methyl Acetate	4.672	43	40275	20.532	ug/L	99
16) Methylene chloride	4.916	84	118288	19.385	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	116369	22.212	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	160130	21.806	ug/L	98
19) 1,1-Dichloroethane	6.220	63	205514	22.299	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	123158	22.618	ug/L	98
22) 2-Butanone	7.171	43	65511	43.428	ug/L	97
23) Bromochloromethane	7.513	128	51856	22.815	ug/L	93
25) Chloroform	7.677	83	211974	23.393	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135950	24.241	ug/L	99
29) Cyclohexane	7.958	56	196896	21.267	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	186829	23.950	ug/L	98
31) Carbon tetrachloride	8.067	117	169870	23.911	ug/L	98
33) Benzene	8.323	78	474088	22.327	ug/L	100
34) Trichloroethene	9.092	95	125783	22.715	ug/L	98
35) Methylcyclohexane	9.336	83	225316	22.423	ug/L	98
37) 1,2-Dichloropropane	9.366	63	110537	21.171	ug/L	100
38) Bromodichloromethane	9.646	83	153186	23.470	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	176516	22.162	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	113650	41.708	ug/L	99
42) Toluene	10.384	91	502903	22.518	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	151313	22.207	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80212	22.147	ug/L	98
46) Tetrachloroethene	10.866	164	93796	23.055	ug/L	85
48) 2-Hexanone	10.963	43	94197	45.075	ug/L	99
49) Dibromochloromethane	11.128	129	98081	23.205	ug/L	91
50) 1,2-Dibromoethane	11.232	107	74602	21.774	ug/L	93
51) Chlorobenzene	11.658	112	314200	22.525	ug/L	98
52) Ethylbenzene	11.731	91	569354	22.876	ug/L	100
53) m,p-Xylene	11.835	106	216748	22.535	ug/L	86
54) o-Xylene	12.164	106	206030	23.274	ug/L	98
55) Styrene	12.176	104	348636	23.174	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	93004	23.029	ug/L	99
59) Bromoform	12.347	173	51383	21.706	ug/L	96
60) Isopropylbenzene	12.463	105	565432	20.910	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68403	20.431	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	502756	21.929	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	486105	21.494	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	237941	21.527	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	238713	21.793	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	211709	22.193	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16105	21.476	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	165986	21.078	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	136068	20.348	ug/L	97
71) Naphthalene	15.359	128	262625	20.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	117669	20.514	ug/L	99

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

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