

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025617.D
 Acq On : 20 Apr 2023 19:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Apr 21 01:53:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	683427	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	610637	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	298929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	185575	16.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
7) Chloroethane-d5	2.899	69	146607	18.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
11) 1,1-Dichloroethene-d2	4.027	63	424912	18.893	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.560%
21) 2-Butanone-d5	7.075	46	150739	60.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.520%
24) Chloroform-d	7.648	84	428497	22.330	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.307	65	237512	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	8.276	84	857307	21.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.276	67	274359	22.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	10.324	98	739886	21.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.680%
43) trans-1,3-Dichloroprop...	10.581	79	103704	22.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.922	63	107193	63.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	230738	27.729	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	237005	23.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	187730	19.643	ug/L	91
3) Chloromethane	2.222	50	253919	22.900	ug/L	98
5) Vinyl chloride	2.375	62	268608	21.914	ug/L	96
6) Bromomethane	2.789	94	145719	22.100	ug/L	99
8) Chloroethane	2.936	64	152875	22.269	ug/L	98
9) Trichlorofluoromethane	3.265	101	196689	20.829	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	226905	23.945	ug/L	99
12) 1,1-Dichloroethene	4.045	96	211783	22.328	ug/L	96
13) Acetone	4.124	43	106841	50.881	ug/L	100
14) Carbon disulfide	4.393	76	685017	20.470	ug/L	99
15) Methyl Acetate	4.667	43	138390	29.335	ug/L	98
16) Methylene chloride	4.917	84	258016	23.751	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	230845	22.892	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	378270	27.181	ug/L	99
19) 1,1-Dichloroethane	6.215	63	494961	24.566	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	261667	24.939	ug/L #	98
22) 2-Butanone	7.173	43	185041	61.989	ug/L	95
23) Bromochloromethane	7.514	128	108943	25.319	ug/L	96
25) Chloroform	7.673	83	466122	25.299	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	325221	26.304	ug/L	99
29) Cyclohexane	7.959	56	435170	22.018	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	358350	23.618	ug/L	99
31) Carbon tetrachloride	8.069	117	318655	23.256	ug/L	100
33) Benzene	8.325	78	1044117	24.566	ug/L	100
34) Trichloroethene	9.093	95	253429	22.923	ug/L	96
35) Methylcyclohexane	9.337	83	439247	22.003	ug/L	99
37) 1,2-Dichloropropane	9.367	63	286680	25.540	ug/L	99
38) Bromodichloromethane	9.642	83	331842	25.838	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	403177	25.040	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	399706	62.910	ug/L	99
42) Toluene	10.385	91	1066998	24.654	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	339515	25.571	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	194794	27.216	ug/L	97
46) Tetrachloroethene	10.861	164	174430	22.433	ug/L	98
48) 2-Hexanone	10.965	43	272640	62.106	ug/L	96
49) Dibromochloromethane	11.129	129	203594	27.017	ug/L	97
50) 1,2-Dibromoethane	11.233	107	178568	27.153	ug/L	98
51) Chlorobenzene	11.653	112	661432	24.801	ug/L	99
52) Ethylbenzene	11.727	91	1201459	24.531	ug/L	100
53) m,p-Xylene	11.836	106	445846	24.823	ug/L	96
54) o-Xylene	12.166	106	426784	25.400	ug/L	93
55) Styrene	12.178	104	749675	26.508	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	246331	28.733	ug/L	99
59) Bromoform	12.348	173	115537	28.206	ug/L	98
60) Isopropylbenzene	12.458	105	1164700	24.873	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	178258	28.772	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	938270	25.383	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	907988	25.510	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	474671	24.461	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	489961	24.724	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	427948	25.156	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.482	75	38541	28.358	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	310687	23.914	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	258767	24.519	ug/L	96
71) Naphthalene	15.360	128	579519	29.428	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	235837	25.558	ug/L	94

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

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