

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027362.D
 Acq On : 20 Oct 2023 09:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Oct 21 04:22:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	389411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	181572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	136776	23.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
7) Chloroethane-d5	2.899	69	110762	25.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	4.021	65	69810	23.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.760%
21) 2-Butanone-d5	7.075	46	96817	49.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	301293	25.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.840%
26) 1,2-Dichloroethane-d4	8.306	65	159170	25.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.120%
32) Benzene-d6	8.276	84	608178	25.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.520%
36) 1,2-Dichloropropane-d6	9.276	67	192827	26.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.324	98	528856	24.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	10.574	79	77231	22.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.680%
47) 2-Hexanone-d5	10.922	63	76441	49.983	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141276	25.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	156387	23.768	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	110294	23.805	ug/L	# 90
3) Chloromethane	2.228	50	134794	25.315	ug/L	99
5) Vinyl chloride	2.381	62	145733	24.502	ug/L	99
6) Bromomethane	2.789	94	80488	23.759	ug/L	95
8) Chloroethane	2.929	64	85945	25.103	ug/L	99
9) Trichlorofluoromethane	3.265	101	113079	26.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	128716	24.497	ug/L	93
12) 1,1-Dichloroethene	4.051	96	123222	24.131	ug/L	89
13) Acetone	4.118	43	95287	55.851	ug/L	99
14) Carbon disulfide	4.392	76	350592	22.147	ug/L	99
15) Methyl Acetate	4.673	43	71758	24.626	ug/L	98
16) Methylene chloride	4.923	84	149670	20.997	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	131325	23.930	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	230158	24.308	ug/L	99
19) 1,1-Dichloroethane	6.221	63	286335	25.573	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	152572	24.618	ug/L	96
22) 2-Butanone	7.166	43	114199	44.719	ug/L	99
23) Bromochloromethane	7.520	128	62288	24.344	ug/L	92
25) Chloroform	7.678	83	270531	25.816	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	181613	25.513	ug/L	99
29) Cyclohexane	7.959	56	262950	24.211	ug/L	97
30) 1,1,1-Trichloroethane	7.873	97	217647	24.944	ug/L	99
31) Carbon tetrachloride	8.069	117	186424	23.695	ug/L	99
33) Benzene	8.325	78	594500	25.431	ug/L	100
34) Trichloroethene	9.093	95	153581	24.872	ug/L	97
35) Methylcyclohexane	9.337	83	264028	23.910	ug/L	98
37) 1,2-Dichloropropane	9.367	63	162963	25.782	ug/L	99
38) Bromodichloromethane	9.641	83	189385	24.367	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	251649	24.101	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	213333	49.077	ug/L	98
42) Toluene	10.385	91	626648	25.553	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	208902	23.712	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	108323	24.904	ug/L	97
46) Tetrachloroethene	10.861	164	100670	23.610	ug/L	97
48) 2-Hexanone	10.964	43	164955	51.271	ug/L	99
49) Dibromochloromethane	11.129	129	112169	23.221	ug/L	94
50) 1,2-Dibromoethane	11.233	107	100888	23.923	ug/L	100
51) Chlorobenzene	11.653	112	375332	24.441	ug/L	97
52) Ethylbenzene	11.726	91	717494	25.178	ug/L	96
53) m,p-Xylene	11.836	106	260011	24.056	ug/L	93
54) o-Xylene	12.165	106	253911	24.531	ug/L	94
55) Styrene	12.178	104	438020	24.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	133451	25.133	ug/L	99
59) Bromoform	12.348	173	60215	22.287	ug/L	97
60) Isopropylbenzene	12.464	105	720830	25.271	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	98281	24.790	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	599133	25.181	ug/L	96
63) 1,2,4-Trimethylbenzene	13.244	105	573009	24.614	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	288305	24.925	ug/L	99
65) 1,4-Dichlorobenzene	13.580	146	291186	25.208	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	260211	25.352	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	21728	21.929	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	186926	24.894	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	157901	24.707	ug/L	98
71) Naphthalene	15.360	128	312081	23.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	129864	24.711	ug/L	93

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

