

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
 Data File : VW030362.D
 Acq On : 03 Oct 2024 09:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Oct 04 01:02:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 03 05:10:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	167954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86489	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	39282	27.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.400%
7) Chloroethane-d5	2.905	69	30293	29.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.000%
11) 1,1-Dichloroethene-d2	4.027	65	23984	23.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.360%
21) 2-Butanone-d5	7.081	46	24948	43.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.180%
24) Chloroform-d	7.654	84	107834	22.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	8.307	65	57887	22.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.276	84	208268	22.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	9.276	67	64849	22.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.325	98	187624	21.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.581	79	24937	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	21189	45.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48736	23.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	60481	21.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.021	85	47606	23.913	ug/L 95
3) Chloromethane	2.222	50	43803	28.086	ug/L 96
5) Vinyl chloride	2.375	62	51545	31.090	ug/L 98
6) Bromomethane	2.796	94	30926	28.026	ug/L 95
8) Chloroethane	2.942	64	28762	31.798	ug/L 99
9) Trichlorofluoromethane	3.271	101	58371	27.330	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	52452	24.651	ug/L # 93
12) 1,1-Dichloroethene	4.045	96	51148	24.172	ug/L 93
13) Acetone	4.118	43	32981	54.321	ug/L 100
14) Carbon disulfide	4.393	76	164109	23.322	ug/L 100
15) Methyl Acetate	4.673	43	23363	23.592	ug/L 95
16) Methylene chloride	4.917	84	55576	19.825	ug/L 91
17) trans-1,2-Dichloroethene	5.435	96	54979	22.382	ug/L 96
18) Methyl tert-butyl Ether	5.429	73	86598	22.165	ug/L 99
19) 1,1-Dichloroethane	6.216	63	110354	23.590	ug/L 97
20) cis-1,2-Dichloroethene	7.173	96	60488	22.288	ug/L 97
22) 2-Butanone	7.173	43	37305	48.064	ug/L 96
23) Bromochloromethane	7.514	128	25270	21.328	ug/L 97
25) Chloroform	7.679	83	111709	23.026	ug/L 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	74477	23.148	ug/L	97
29) Cyclohexane	7.959	56	93594	25.280	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	93829	24.117	ug/L	97
31) Carbon tetrachloride	8.069	117	85167	24.493	ug/L	100
33) Benzene	8.325	78	243825	23.835	ug/L	100
34) Trichloroethene	9.093	95	62891	23.112	ug/L	96
35) Methylcyclohexane	9.337	83	106161	25.422	ug/L	95
37) 1,2-Dichloropropane	9.367	63	64636	23.947	ug/L	99
38) Bromodichloromethane	9.648	83	79388	23.427	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	95703	23.124	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	66708	48.051	ug/L	96
42) Toluene	10.386	91	262795	23.996	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	78459	22.879	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	43566	22.904	ug/L	94
46) Tetrachloroethene	10.861	164	47123	23.153	ug/L	95
48) 2-Hexanone	10.965	43	54684	53.493	ug/L	96
49) Dibromochloromethane	11.123	129	48716	22.759	ug/L	90
50) 1,2-Dibromoethane	11.233	107	40365	22.428	ug/L	96
51) Chlorobenzene	11.654	112	162333	22.938	ug/L	97
52) Ethylbenzene	11.727	91	295600	23.826	ug/L	98
53) m,p-Xylene	11.837	106	110945	23.955	ug/L	94
54) o-Xylene	12.166	106	105762	23.992	ug/L	98
55) Styrene	12.178	104	183285	24.373	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	51595	23.161	ug/L	96
59) Bromoform	12.343	173	26967	21.522	ug/L	99
60) Isopropylbenzene	12.464	105	293148	23.880	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	37285	22.677	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	245160	24.690	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	235812	24.037	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	124508	22.695	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	126056	22.493	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	111809	22.860	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.482	75	8084	21.459	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	85591	22.604	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	70241	22.405	ug/L	97
71) Naphthalene	15.360	128	123896	21.606	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	60814	22.162	ug/L	97

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

