

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030892.D
 Acq On : 01 Nov 2024 17:47
 Operator : SY/MD
 Sample : P4585-08MSD
 Misc : 5.16g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 00:55:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	559741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191898	21.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
7) Chloroethane-d5	2.899	69	165139	24.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	4.021	65	82044	22.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.075	46	62957	39.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.520%
24) Chloroform-d	7.648	84	393628	24.590	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.307	65	193049	23.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.276	84	724563	27.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.240%
36) 1,2-Dichloropropane-d6	9.270	67	216344	27.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	10.325	98	596861	24.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	10.574	79	82500	25.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.200%
47) 2-Hexanone-d5	10.922	63	51480	51.328	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146635	25.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	169173	26.200	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	129211	18.068	ug/L	99
3) Chloromethane	2.228	50	164322	19.770	ug/L	99
5) Vinyl chloride	2.375	62	188260	18.418	ug/L	97
6) Bromomethane	2.789	94	120785	17.953	ug/L	98
8) Chloroethane	2.936	64	112731	18.041	ug/L	99
9) Trichlorofluoromethane	3.271	101	169438	18.526	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	142559	17.325	ug/L #	70
13) Acetone	4.118	43	47513	20.497	ug/L	98
14) Carbon disulfide	4.393	76	422897	17.245	ug/L	100
15) Methyl Acetate	4.679	43	44003	15.367	ug/L	99
16) Methylene chloride	4.917	84	144076	17.026	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	150238	18.540	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	215308	18.984	ug/L	98
19) 1,1-Dichloroethane	6.216	63	281815	18.712	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	161348	18.667	ug/L	96
22) 2-Butanone	7.173	43	62430	24.985	ug/L	99
23) Bromochloromethane	7.514	128	68288	18.060	ug/L	94
25) Chloroform	7.679	83	291390	18.105	ug/L	99
27) 1,2-Dichloroethane	8.398	62	176262	16.600	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	229303	20.608	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	241049	19.865	ug/L	98
31) Carbon tetrachloride	8.069	117	212980	19.651	ug/L	100
33) Benzene	8.325	78	610160	20.512	ug/L	100
34) Trichloroethene	9.093	95	157374	19.016	ug/L	97
35) Methylcyclohexane	9.337	83	249625	19.166	ug/L	100
37) 1,2-Dichloropropane	9.367	63	152750	20.560	ug/L	100
38) Bromodichloromethane	9.642	83	196896	19.920	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	223266	19.923	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138509	38.807	ug/L	98
42) Toluene	10.386	91	633757	19.970	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	182588	19.390	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	103864	19.344	ug/L	97
46) Tetrachloroethene	10.861	164	105404	17.269	ug/L	95
48) 2-Hexanone	10.965	43	93087	31.893	ug/L	98
49) Dibromochloromethane	11.123	129	114999	19.195	ug/L	96
50) 1,2-Dibromoethane	11.233	107	94071	18.776	ug/L #	87
51) Chlorobenzene	11.654	112	376822	18.445	ug/L	98
52) Ethylbenzene	11.727	91	669076	18.477	ug/L	99
53) m,p-Xylene	11.836	106	243356	17.938	ug/L	98
54) o-Xylene	12.166	106	233264	18.598	ug/L	95
55) Styrene	12.178	104	400019	18.656	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	114299	18.877	ug/L	97
59) Bromoform	12.349	173	58820	21.938	ug/L	99
60) Isopropylbenzene	12.458	105	618176	20.918	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	80057	21.559	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	488617	20.957	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	473914	20.760	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	256321	19.926	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	250580	18.865	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	241068	21.297	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	16902	20.413	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	155018	18.275	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	119732	17.533	ug/L	96
71) Naphthalene	15.360	128	223262	18.923	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	108027	18.247	ug/L	96

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

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