

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031454.D
 Acq On : 21 Dec 2024 02:39
 Operator : SY/MD
 Sample : P5325-02MS
 Misc : 6.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE680MS

Quant Time: Dec 21 03:42:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	599174	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	482592	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	184051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	143299	15.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
7) Chloroethane-d5	2.893	69	123572	18.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
11) 1,1-Dichloroethene-d2	4.015	65	60558	14.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.640%
21) 2-Butanone-d5	7.093	46	67566	39.796	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.600%
24) Chloroform-d	7.648	84	277189	16.884	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.520%
26) 1,2-Dichloroethane-d4	8.300	65	159951	19.400	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	8.270	84	537150	17.366	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.480%
36) 1,2-Dichloropropane-d6	9.270	67	168651	18.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.840%
41) Toluene-d8	10.318	98	438758	15.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.000%
43) trans-1,3-Dichloroprop...	10.574	79	61380	14.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.080%
47) 2-Hexanone-d5	10.922	63	51954	42.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128266	22.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	116745	17.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	56622	10.456	ug/L	99
3) Chloromethane	2.216	50	86285	14.184	ug/L	99
5) Vinyl chloride	2.369	62	112789	13.378	ug/L	99
6) Bromomethane	2.789	94	83136	16.040	ug/L	96
8) Chloroethane	2.930	64	80011	15.958	ug/L	96
9) Trichlorofluoromethane	3.265	101	110029	12.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86984	11.994	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	113806	15.494	ug/L	89
13) Acetone	4.161	43	72400	30.620	ug/L #	100
14) Carbon disulfide	4.387	76	204509	8.537	ug/L	98
15) Methyl Acetate	4.691	43	46257	17.225	ug/L	95
16) Methylene chloride	4.911	84	118236	15.683	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	95816	12.101	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	241026	18.209	ug/L	99
19) 1,1-Dichloroethane	6.216	63	216250	14.616	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	123723	14.443	ug/L	97
22) 2-Butanone	7.185	43	82836	28.914	ug/L	96
23) Bromochloromethane	7.520	128	56763	16.614	ug/L	85
25) Chloroform	7.679	83	222410	15.231	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	159490	17.373	ug/L	98
29) Cyclohexane	7.953	56	128552	9.822	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	174934	14.024	ug/L	98
31) Carbon tetrachloride	8.069	117	121960	10.975	ug/L	99
33) Benzene	8.319	78	440434	14.768	ug/L	100
34) Trichloroethene	9.093	95	129467	15.377	ug/L	94
35) Methylcyclohexane	9.331	83	138482	9.444	ug/L	97
37) 1,2-Dichloropropane	9.367	63	121787	16.370	ug/L	100
38) Bromodichloromethane	9.642	83	154696	15.994	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	177079	14.085	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153989	39.013	ug/L	99
42) Toluene	10.386	91	427412	13.163	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140023	13.640	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	94578	19.112	ug/L	95
46) Tetrachloroethene	10.861	164	79837	12.945	ug/L	88
48) 2-Hexanone	10.965	43	116727	34.771	ug/L	97
49) Dibromochloromethane	11.123	129	92657	15.796	ug/L	97
50) 1,2-Dibromoethane	11.233	107	84729	18.074	ug/L	98
51) Chlorobenzene	11.654	112	262506	12.894	ug/L	99
52) Ethylbenzene	11.727	91	419803	11.156	ug/L	97
53) m,p-Xylene	11.836	106	157410	10.988	ug/L	92
54) o-Xylene	12.160	106	163177	12.086	ug/L	95
55) Styrene	12.178	104	275784	12.280	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	106805	20.021	ug/L	98
59) Bromoform	12.342	173	48429	18.730	ug/L	99
60) Isopropylbenzene	12.458	105	371113	12.321	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80532	25.570	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	296239	11.601	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	293474	11.891	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	152259	12.477	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	156151	12.915	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	163858	15.584	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15883	19.873	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	91795	10.741	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	74649	10.500	ug/L	99
71) Naphthalene	15.360	128	209470	16.806	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72167	12.599	ug/L	93

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

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