

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029458.D
 Acq On : 02 Jul 2024 20:42
 Operator : SY/MD
 Sample : P3139-02MS
 Misc : 4.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MS

Quant Time: Jul 03 05:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	354987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	58601	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88957	18.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.899	69	79391	19.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
11) 1,1-Dichloroethene-d2	4.021	65	44178	18.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.480%
21) 2-Butanone-d5	7.075	46	64384	43.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.600%
24) Chloroform-d	7.648	84	219355	20.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.840%
26) 1,2-Dichloroethane-d4	8.307	65	124211	20.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.720%
32) Benzene-d6	8.270	84	399178	27.587	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.360%
36) 1,2-Dichloropropane-d6	9.270	67	134068	29.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.600%
41) Toluene-d8	10.325	98	312789	24.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	10.575	79	36202	19.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.120%
47) 2-Hexanone-d5	10.922	63	29020	40.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84489	23.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	41877	20.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	33082	9.552	ug/L	99
3) Chloromethane	2.223	50	52953	10.723	ug/L	97
5) Vinyl chloride	2.375	62	64514	11.376	ug/L	94
6) Bromomethane	2.783	94	32657	9.581	ug/L	89
8) Chloroethane	2.936	64	43618	12.575	ug/L	96
9) Trichlorofluoromethane	3.265	101	64658	14.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	58616	12.092	ug/L #	87
12) 1,1-Dichloroethene	4.045	96	54968	13.364	ug/L	94
13) Acetone	4.119	43	28145	22.529	ug/L	98
14) Carbon disulfide	4.393	76	126342	9.409	ug/L	98
15) Methyl Acetate	4.667	43	23151	9.335	ug/L	99
16) Methylene chloride	4.923	84	75553	12.104	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	55335	12.114	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	119029	16.287	ug/L	99
19) 1,1-Dichloroethane	6.216	63	142674	14.462	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	67598	13.420	ug/L	99
22) 2-Butanone	7.173	43	41283	24.107	ug/L	79
23) Bromochloromethane	7.508	128	30412	13.562	ug/L	95
25) Chloroform	7.679	83	135847	14.101	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	95589	13.454	ug/L	99
29) Cyclohexane	7.959	56	84530	15.521	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	103687	19.573	ug/L	96
31) Carbon tetrachloride	8.063	117	85699	17.710	ug/L	98
33) Benzene	8.325	78	268561	18.762	ug/L	100
34) Trichloroethene	9.087	95	60307	15.792	ug/L	96
35) Methylcyclohexane	9.331	83	69438	11.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	78810	19.594	ug/L	99
38) Bromodichloromethane	9.642	83	89250	18.149	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	80242	14.113	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	83855	33.637	ug/L	98
42) Toluene	10.386	91	242616	16.488	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	64015	13.334	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	49730	17.753	ug/L	93
46) Tetrachloroethene	10.861	164	36730	13.759	ug/L	94
48) 2-Hexanone	10.965	43	46985	26.561	ug/L	97
49) Dibromochloromethane	11.123	129	51677	17.648	ug/L	96
50) 1,2-Dibromoethane	11.233	107	40521	16.115	ug/L	99
51) Chlorobenzene	11.654	112	121868	12.754	ug/L	97
52) Ethylbenzene	11.727	91	226061	13.534	ug/L	96
53) m,p-Xylene	11.837	106	78203	12.818	ug/L	94
54) o-Xylene	12.160	106	75269	13.200	ug/L	93
55) Styrene	12.178	104	111285	11.193	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	53908	15.558	ug/L	99
59) Bromoform	12.349	173	24659	30.702	ug/L	98
60) Isopropylbenzene	12.458	105	184645	23.647	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42447	33.209	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	108750	19.231	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	112527	18.494	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	48021	14.211	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	47130	13.109	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	44618	14.283	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	7450	24.976	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	17795	7.803	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	10826	5.856	ug/L	98
71) Naphthalene	15.354	128	29026	7.955	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	9189	5.455	ug/L	99

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

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