

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029456.D
 Acq On : 02 Jul 2024 19:54
 Operator : SY/MD
 Sample : P3124-02MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CB3MS

Quant Time: Jul 03 05:46:50 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	248776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	140766	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	30496	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	78242	22.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.899	69	68660	23.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	4.027	65	36151	21.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.075	46	37741	36.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.260%
24) Chloroform-d	7.648	84	172748	23.278	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.306	65	105465	24.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.276	84	311132	36.389	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.560%#
36) 1,2-Dichloropropane-d6	9.276	67	104970	38.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.480%#
41) Toluene-d8	10.318	98	215596	28.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.000%
43) trans-1,3-Dichloroprop...	10.574	79	22781	20.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.922	63	21801	51.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59118	27.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.320%
66) 1,2-Dichlorobenzene-d4	13.854	152	22344	21.108	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	40215	16.569	ug/L	99
3) Chloromethane	2.222	50	47031	13.590	ug/L	96
5) Vinyl chloride	2.375	62	70403	17.715	ug/L	98
6) Bromomethane	2.789	94	24810	10.386	ug/L	98
8) Chloroethane	2.929	64	46561	19.154	ug/L	95
9) Trichlorofluoromethane	3.265	101	60563	19.656	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	48544	14.289	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	55128	19.124	ug/L	98
13) Acetone	4.130	43	29167	33.315	ug/L	97
14) Carbon disulfide	4.386	76	120317	12.786	ug/L	99
15) Methyl Acetate	4.673	43	18357	10.562	ug/L	97
16) Methylene chloride	4.923	84	77763	17.777	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	57250	17.884	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	129509	25.286	ug/L	97
19) 1,1-Dichloroethane	6.215	63	142008	20.539	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	66665	18.885	ug/L	98
22) 2-Butanone	7.172	43	60159	50.128	ug/L	89
23) Bromochloromethane	7.514	128	32132	20.447	ug/L	94
25) Chloroform	7.678	83	133884	19.831	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	98705	19.823	ug/L	98
29) Cyclohexane	7.953	56	59379	18.452	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	96721	30.900	ug/L	96
31) Carbon tetrachloride	8.075	117	73997	25.878	ug/L	97
33) Benzene	8.325	78	255862	30.251	ug/L	100
34) Trichloroethene	9.093	95	54560	24.179	ug/L	91
35) Methylcyclohexane	9.331	83	45328	12.773	ug/L	99
37) 1,2-Dichloropropane	9.367	63	73589	30.963	ug/L	100
38) Bromodichloromethane	9.642	83	84731	29.159	ug/L	100
39) cis-1,3-Dichloropropene	10.074	75	54686	16.278	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	105894	71.887	ug/L	98
42) Toluene	10.385	91	204868	23.561	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	48046	16.937	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	50099	30.267	ug/L	96
46) Tetrachloroethene	10.861	164	26796	16.987	ug/L	92
48) 2-Hexanone	10.964	43	72747	69.598	ug/L #	90
49) Dibromochloromethane	11.129	129	44134	25.507	ug/L	91
50) 1,2-Dibromoethane	11.233	107	37028	24.920	ug/L #	98
51) Chlorobenzene	11.653	112	95586	16.929	ug/L	99
52) Ethylbenzene	11.727	91	162908	16.505	ug/L	99
53) m,p-Xylene	11.836	106	57338	15.904	ug/L	98
54) o-Xylene	12.165	106	53520	15.884	ug/L	97
55) Styrene	12.178	104	76508	13.023	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	45539	22.241	ug/L	97
59) Bromoform	12.348	173	20994	50.229	ug/L	99
60) Isopropylbenzene	12.464	105	120531	29.662	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	40194	60.427	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	63363	21.531	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	65232	20.602	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	31904	18.143	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	31542	16.859	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	28030	17.242	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	5891	37.951	ug/L	88
69) 1,3,5-Trichlorobenzene	14.622	180	10815	9.113	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	6842	7.112	ug/L	97
71) Naphthalene	15.360	128	17993	9.476	ug/L	96
72) 1,2,3-Trichlorobenzene	15.549	180	5288	6.032	ug/L	93

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

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