

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
 Data File : VW029434.D
 Acq On : 01 Jul 2024 18:04
 Operator : SY/MD
 Sample : P3125-03MSD
 Misc : 5.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CZ2MSD

Quant Time: Jul 02 08:13:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	428227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	322914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	119995	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101122	17.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
7) Chloroethane-d5	2.899	69	89373	17.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	4.021	65	52504	18.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	80853	45.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.180%
24) Chloroform-d	7.648	84	269049	21.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	8.307	65	147092	20.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.240%
32) Benzene-d6	8.276	84	497295	25.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	9.270	67	165271	26.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.040%
41) Toluene-d8	10.318	98	415836	23.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.840%
43) trans-1,3-Dichloroprop...	10.574	79	56387	22.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.922	63	51781	52.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115972	23.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	92484	22.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74116	17.740	ug/L	97
3) Chloromethane	2.228	50	105904	17.778	ug/L	99
5) Vinyl chloride	2.375	62	128857	18.836	ug/L	93
6) Bromomethane	2.789	94	71307	17.342	ug/L	95
8) Chloroethane	2.936	64	84445	20.181	ug/L	97
9) Trichlorofluoromethane	3.271	101	125766	23.712	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107449	18.374	ug/L #	88
12) 1,1-Dichloroethene	4.045	96	109167	22.001	ug/L	89
13) Acetone	4.118	43	46658	30.961	ug/L	97
14) Carbon disulfide	4.393	76	273718	16.899	ug/L	99
15) Methyl Acetate	4.667	43	54348	18.166	ug/L	99
16) Methylene chloride	4.917	84	134347	17.842	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115937	21.040	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	220355	24.995	ug/L	99
19) 1,1-Dichloroethane	6.222	63	270508	22.729	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	136925	22.534	ug/L	99
22) 2-Butanone	7.166	43	76668	37.113	ug/L	98
23) Bromochloromethane	7.520	128	57349	21.201	ug/L	91
25) Chloroform	7.679	83	266795	22.957	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	179760	20.973	ug/L	99
29) Cyclohexane	7.959	56	163908	22.203	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	203959	28.404	ug/L	97
31) Carbon tetrachloride	8.075	117	170270	25.958	ug/L	98
33) Benzene	8.325	78	533636	27.504	ug/L	100
34) Trichloroethene	9.093	95	131514	25.407	ug/L	97
35) Methylcyclohexane	9.337	83	128857	15.828	ug/L	99
37) 1,2-Dichloropropane	9.367	63	151232	27.739	ug/L	99
38) Bromodichloromethane	9.642	83	180867	27.133	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	203735	26.436	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	179985	53.263	ug/L	98
42) Toluene	10.385	91	521951	26.168	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	165186	25.384	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99393	26.176	ug/L	98
46) Tetrachloroethene	10.861	164	82786	22.878	ug/L	90
48) 2-Hexanone	10.965	43	116611	48.633	ug/L	99
49) Dibromochloromethane	11.129	129	106899	26.932	ug/L	99
50) 1,2-Dibromoethane	11.233	107	85295	25.024	ug/L	97
51) Chlorobenzene	11.653	112	304921	23.541	ug/L	99
52) Ethylbenzene	11.727	91	555055	24.515	ug/L	98
53) m,p-Xylene	11.836	106	197585	23.891	ug/L	97
54) o-Xylene	12.166	106	194006	25.100	ug/L	98
55) Styrene	12.178	104	314847	23.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	110413	23.508	ug/L	96
59) Bromoform	12.348	173	55621	33.820	ug/L	99
60) Isopropylbenzene	12.458	105	468347	29.292	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	84085	32.127	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	313991	27.116	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	343349	27.559	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	170185	24.596	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	175767	23.875	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	155829	24.361	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	17317	28.352	ug/L	87
69) 1,3,5-Trichlorobenzene	14.622	180	68571	14.684	ug/L	92
70) 1,2,4-trichlorobenzene	15.122	180	54672	14.443	ug/L	99
71) Naphthalene	15.360	128	150473	20.140	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45255	13.121	ug/L	99

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

