

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029397.D
 Acq On : 28 Jun 2024 14:47
 Operator : SY/MD
 Sample : P3100-02MS
 Misc : 5.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CD1MS

Quant Time: Jun 29 02:11:05 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	444954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	405312	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186545	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103206	16.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.040%
7) Chloroethane-d5	2.899	69	87621	16.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	4.021	65	53816	18.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.400%
21) 2-Butanone-d5	7.075	46	61954	33.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.240%
24) Chloroform-d	7.648	84	271685	20.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.880%
26) 1,2-Dichloroethane-d4	8.301	65	139224	18.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.080%
32) Benzene-d6	8.270	84	508037	20.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.560%
36) 1,2-Dichloropropane-d6	9.270	67	162181	20.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.880%
41) Toluene-d8	10.319	98	458512	21.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	10.575	79	61528	19.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.040%
47) 2-Hexanone-d5	10.922	63	44705	36.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113767	18.266	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	148150	22.880	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83451	19.224	ug/L	99
3) Chloromethane	2.222	50	116652	18.846	ug/L	98
5) Vinyl chloride	2.375	62	142365	20.028	ug/L	98
6) Bromomethane	2.789	94	83450	19.533	ug/L	90
8) Chloroethane	2.936	64	91698	21.091	ug/L	98
9) Trichlorofluoromethane	3.271	101	138367	25.108	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	136322	22.436	ug/L	92
12) 1,1-Dichloroethene	4.045	96	123651	23.983	ug/L	83
13) Acetone	4.118	43	70787	45.206	ug/L	95
14) Carbon disulfide	4.387	76	341272	20.277	ug/L	99
15) Methyl Acetate	4.673	43	55695	17.916	ug/L	99
16) Methylene chloride	4.917	84	137910	17.627	ug/L	89
17) trans-1,2-Dichloroethene	5.429	96	133442	23.306	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	211054	23.040	ug/L	99
19) 1,1-Dichloroethane	6.216	63	293533	23.737	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	150878	23.896	ug/L	94
22) 2-Butanone	7.167	43	85497	39.831	ug/L	98
23) Bromochloromethane	7.508	128	62115	22.099	ug/L	92
25) Chloroform	7.679	83	291727	24.159	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	185684	20.850	ug/L	100
29) Cyclohexane	7.959	56	235388	25.404	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	230008	25.520	ug/L	97
31) Carbon tetrachloride	8.069	117	209497	25.445	ug/L	95
33) Benzene	8.325	78	600974	24.677	ug/L	100
34) Trichloroethene	9.087	95	157586	24.254	ug/L	94
35) Methylcyclohexane	9.337	83	252677	24.728	ug/L	98
37) 1,2-Dichloropropane	9.367	63	166653	24.353	ug/L	99
38) Bromodichloromethane	9.642	83	200951	24.018	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	243712	25.194	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	171726	40.488	ug/L	98
42) Toluene	10.386	91	633467	25.302	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	194880	23.859	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	103533	21.723	ug/L	96
46) Tetrachloroethene	10.861	164	112780	24.831	ug/L	93
48) 2-Hexanone	10.965	43	130438	43.340	ug/L	98
49) Dibromochloromethane	11.129	129	114006	22.883	ug/L	97
50) 1,2-Dibromoethane	11.233	107	89576	20.938	ug/L	94
51) Chlorobenzene	11.654	112	391131	24.058	ug/L	97
52) Ethylbenzene	11.727	91	730952	25.720	ug/L	97
53) m,p-Xylene	11.837	106	265622	25.589	ug/L	93
54) o-Xylene	12.160	106	257886	26.582	ug/L	99
55) Styrene	12.178	104	443367	26.211	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	119338	20.243	ug/L	97
59) Bromoform	12.349	173	58474	22.871	ug/L	95
60) Isopropylbenzene	12.458	105	717899	28.882	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	85871	21.104	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	545765	30.317	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	573868	29.629	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	297652	27.671	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	299501	26.169	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259604	26.106	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	18113	19.076	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	193087	26.597	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	158101	26.865	ug/L	95
71) Naphthalene	15.360	128	271209	23.350	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	127685	23.812	ug/L	99

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

