

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029062.D
 Acq On : 07 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2710-23MSD
 Misc : 5.81g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4B87MSD

Quant Time: Jun 07 23:09:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264079	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215830	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	76759	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94352	22.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
7) Chloroethane-d5	2.899	69	75842	23.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	4.015	65	42376	22.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	7.081	46	46258	53.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
24) Chloroform-d	7.648	84	186154	24.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	103906	26.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	8.276	84	362267	27.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	9.270	67	116106	28.907	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.640%
41) Toluene-d8	10.319	98	294452	24.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	10.575	79	40115	25.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.960%
47) 2-Hexanone-d5	10.922	63	32651	61.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83217	29.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	66716	24.493	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64144	21.271	ug/L	99
3) Chloromethane	2.222	50	83620	22.698	ug/L	98
5) Vinyl chloride	2.369	62	98539	22.097	ug/L	99
6) Bromomethane	2.789	94	53785	20.130	ug/L	95
8) Chloroethane	2.930	64	62196	23.094	ug/L	99
9) Trichlorofluoromethane	3.265	101	102417	27.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	77100	21.079	ug/L	97
12) 1,1-Dichloroethene	4.045	96	77724	23.284	ug/L	80
13) Acetone	4.125	43	33477	37.269	ug/L	99
14) Carbon disulfide	4.387	76	224579	19.872	ug/L	100
15) Methyl Acetate	4.673	43	39946	26.775	ug/L	99
16) Methylene chloride	4.917	84	93421	23.571	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	82407	22.643	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	170301	33.556	ug/L	100
19) 1,1-Dichloroethane	6.222	63	176555	24.675	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	92246	24.177	ug/L	96
22) 2-Butanone	7.173	43	57989	53.574	ug/L	98
23) Bromochloromethane	7.514	128	42400	25.457	ug/L	96
25) Chloroform	7.679	83	170820	24.580	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121123	26.008	ug/L	99
29) Cyclohexane	7.959	56	121500	22.642	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	133990	26.794	ug/L	99
31) Carbon tetrachloride	8.069	117	112357	24.667	ug/L	97
33) Benzene	8.325	78	370410	27.601	ug/L	100
34) Trichloroethene	9.093	95	90682	25.702	ug/L	94
35) Methylcyclohexane	9.337	83	97369	16.268	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101425	28.860	ug/L	99
38) Bromodichloromethane	9.642	83	118361	27.615	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	131334	25.715	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	129882	72.660	ug/L	98
42) Toluene	10.386	91	361099	26.339	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	109276	26.540	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71245	30.017	ug/L	97
46) Tetrachloroethene	10.861	164	55783	20.810	ug/L	95
48) 2-Hexanone	10.965	43	90687	67.666	ug/L	97
49) Dibromochloromethane	11.123	129	71375	28.471	ug/L	93
50) 1,2-Dibromoethane	11.233	107	63241	29.188	ug/L	93
51) Chlorobenzene	11.654	112	208310	23.653	ug/L	96
52) Ethylbenzene	11.727	91	363558	23.340	ug/L	100
53) m,p-Xylene	11.837	106	131762	22.838	ug/L	89
54) o-Xylene	12.160	106	127816	23.925	ug/L	99
55) Styrene	12.178	104	207876	22.570	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	78059	29.133	ug/L	98
59) Bromoform	12.343	173	38096	38.596	ug/L	97
60) Isopropylbenzene	12.458	105	302918	27.885	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	60215	41.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	202811	25.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	220847	26.449	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	112636	24.128	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	112768	23.129	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	102266	24.441	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11570	37.491	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	49671	15.497	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	34851	13.415	ug/L	98
71) Naphthalene	15.360	128	86297	19.497	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	27444	12.365	ug/L	95

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

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