

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029276.D
 Acq On : 20 Jun 2024 23:19
 Operator : SY/MD
 Sample : P2963-24MSD
 Misc : 5.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CS3MSD

Quant Time: Jun 21 04:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 02:43:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	334552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	58797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95042	20.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.893	69	81189	20.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
11) 1,1-Dichloroethene-d2	4.015	65	42850	19.166	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.075	46	68707	49.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.648	84	222558	22.301	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	8.307	65	131451	22.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.270	84	377389	28.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.560%
36) 1,2-Dichloropropane-d6	9.270	67	137196	32.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.000%#
41) Toluene-d8	10.318	98	276163	23.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	10.574	79	33473	19.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.922	63	25416	38.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90738	27.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.880%
66) 1,2-Dichlorobenzene-d4	13.854	152	45485	22.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	63704	19.517	ug/L	100
3) Chloromethane	2.222	50	85927	18.463	ug/L	98
5) Vinyl chloride	2.375	62	112704	21.088	ug/L	99
6) Bromomethane	2.789	94	41135	12.806	ug/L	87
8) Chloroethane	2.930	64	73173	22.384	ug/L	96
9) Trichlorofluoromethane	3.265	101	92169	22.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	79377	17.375	ug/L #	66
12) 1,1-Dichloroethene	4.045	96	86016	22.189	ug/L	84
13) Acetone	4.118	43	50854	43.193	ug/L	97
14) Carbon disulfide	4.393	76	199858	15.793	ug/L	100
15) Methyl Acetate	4.667	43	29631	12.677	ug/L	97
16) Methylene chloride	4.923	84	141235	24.009	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	94054	21.848	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	217564	31.588	ug/L	98
19) 1,1-Dichloroethane	6.215	63	229838	24.720	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	109771	23.123	ug/L	99
22) 2-Butanone	7.167	43	71632	44.384	ug/L	98
23) Bromochloromethane	7.514	128	52292	24.744	ug/L	93
25) Chloroform	7.679	83	214941	23.674	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160667	23.994	ug/L	99
29) Cyclohexane	7.953	56	109724	22.124	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	152488	31.610	ug/L	98
31) Carbon tetrachloride	8.069	117	121106	27.482	ug/L	98
33) Benzene	8.319	78	400443	30.721	ug/L	100
34) Trichloroethene	9.093	95	91289	26.251	ug/L	93
35) Methylcyclohexane	9.331	83	76150	13.923	ug/L	99
37) 1,2-Dichloropropane	9.367	63	124982	34.123	ug/L	99
38) Bromodichloromethane	9.642	83	143578	32.061	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	97038	18.742	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138479	60.999	ug/L	97
42) Toluene	10.385	91	339033	25.301	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	92853	21.239	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	87646	34.358	ug/L	96
46) Tetrachloroethene	10.861	164	48897	20.114	ug/L	92
48) 2-Hexanone	10.965	43	73854	45.847	ug/L	97
49) Dibromochloromethane	11.129	129	82388	30.896	ug/L	97
50) 1,2-Dibromoethane	11.233	107	66260	28.936	ug/L	96
51) Chlorobenzene	11.654	112	186227	21.401	ug/L	98
52) Ethylbenzene	11.727	91	334970	22.022	ug/L	97
53) m,p-Xylene	11.836	106	118036	21.245	ug/L	95
54) o-Xylene	12.160	106	118178	22.759	ug/L	96
55) Styrene	12.178	104	155648	17.192	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90233	28.596	ug/L	99
59) Bromoform	12.342	173	38434	47.694	ug/L	100
60) Isopropylbenzene	12.458	105	252443	32.222	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72701	56.689	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	163774	28.864	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	168078	27.532	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	79724	23.515	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	77451	21.471	ug/L	91
67) 1,2-Dichlorobenzene	13.860	146	74408	23.740	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	12859	42.967	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	31395	13.721	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	22192	11.964	ug/L	98
71) Naphthalene	15.360	128	62849	17.168	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	18763	11.102	ug/L	92

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

