

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029398.D
 Acq On : 28 Jun 2024 15:11
 Operator : SY/MD
 Sample : P3100-03MSD
 Misc : 4.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CD1MSD

Quant Time: Jun 29 02:11:41 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	426236	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	389474	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	184219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	102975	17.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.800%
7) Chloroethane-d5	2.899	69	89651	17.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.960%
11) 1,1-Dichloroethene-d2	4.027	65	54014	18.962	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.840%
21) 2-Butanone-d5	7.075	46	65868	37.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.640%
24) Chloroform-d	7.648	84	269422	21.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.307	65	140515	19.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	8.276	84	502234	21.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.920%
36) 1,2-Dichloropropane-d6	9.270	67	161726	21.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.040%
41) Toluene-d8	10.319	98	442946	21.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.640%
43) trans-1,3-Dichloroprop...	10.575	79	61769	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.520%
47) 2-Hexanone-d5	10.922	63	48021	40.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115772	19.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	140259	21.935	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78560	18.892	ug/L	93
3) Chloromethane	2.223	50	113912	19.211	ug/L	99
5) Vinyl chloride	2.375	62	136359	20.025	ug/L	98
6) Bromomethane	2.790	94	78653	19.218	ug/L	94
8) Chloroethane	2.936	64	88267	21.193	ug/L	100
9) Trichlorofluoromethane	3.265	101	130031	24.631	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	125751	21.605	ug/L	95
12) 1,1-Dichloroethene	4.045	96	117771	23.846	ug/L	85
13) Acetone	4.119	43	62703	41.802	ug/L	97
14) Carbon disulfide	4.387	76	329551	20.441	ug/L	99
15) Methyl Acetate	4.673	43	55069	18.493	ug/L	100
16) Methylene chloride	4.923	84	131580	17.556	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	127837	23.308	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	204305	23.282	ug/L	98
19) 1,1-Dichloroethane	6.216	63	279027	23.555	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	145992	24.138	ug/L	99
22) 2-Butanone	7.167	43	82429	40.088	ug/L	99
23) Bromochloromethane	7.520	128	57274	21.272	ug/L	93
25) Chloroform	7.679	83	267619	23.136	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176907	20.736	ug/L	99
29) Cyclohexane	7.959	56	219987	24.707	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	220500	25.460	ug/L	96
31) Carbon tetrachloride	8.069	117	198087	25.038	ug/L	96
33) Benzene	8.325	78	574201	24.537	ug/L	100
34) Trichloroethene	9.093	95	149673	23.973	ug/L	94
35) Methylcyclohexane	9.331	83	237658	24.204	ug/L	97
37) 1,2-Dichloropropane	9.368	63	157582	23.964	ug/L	98
38) Bromodichloromethane	9.642	83	188881	23.493	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	229124	24.649	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	168808	41.418	ug/L	98
42) Toluene	10.386	91	590598	24.549	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	187222	23.854	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	98760	21.564	ug/L	94
46) Tetrachloroethene	10.861	164	102494	23.484	ug/L	95
48) 2-Hexanone	10.965	43	123905	42.844	ug/L	97
49) Dibromochloromethane	11.130	129	109306	22.832	ug/L	98
50) 1,2-Dibromoethane	11.233	107	86453	21.029	ug/L	95
51) Chlorobenzene	11.654	112	376220	24.082	ug/L	98
52) Ethylbenzene	11.727	91	689183	25.237	ug/L	97
53) m,p-Xylene	11.837	106	248632	24.926	ug/L	88
54) o-Xylene	12.160	106	244800	26.259	ug/L	90
55) Styrene	12.178	104	410197	25.236	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	112277	19.819	ug/L	100
59) Bromoform	12.349	173	56956	22.558	ug/L	98
60) Isopropylbenzene	12.459	105	673571	27.441	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82888	20.629	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	491770	27.663	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	547949	28.648	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	270331	25.449	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	275094	24.340	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	238477	24.284	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	17676	18.851	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	179418	25.027	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	143373	24.670	ug/L	97
71) Naphthalene	15.360	128	264612	23.070	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	125774	23.752	ug/L	96

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

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