

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029406.D
 Acq On : 28 Jun 2024 18:22
 Operator : SY/MD
 Sample : P3102-04MSD
 Misc : 4.86g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CE1MSD

Quant Time: Jun 29 02:14:43 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	364020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	99869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97410	19.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.320%
7) Chloroethane-d5	2.899	69	85957	20.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	4.021	65	48215	19.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.280%
21) 2-Butanone-d5	7.075	46	71368	47.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.680%
24) Chloroform-d	7.648	84	254415	23.429	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.307	65	142638	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.270	84	464020	27.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.080%
36) 1,2-Dichloropropane-d6	9.270	67	154433	28.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.200%
41) Toluene-d8	10.319	98	377085	25.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.575	79	53432	24.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.080%
47) 2-Hexanone-d5	10.922	63	46244	54.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108336	25.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	82166	23.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67338	18.961	ug/L	93
3) Chloromethane	2.222	50	98636	19.478	ug/L	100
5) Vinyl chloride	2.375	62	115073	19.788	ug/L	98
6) Bromomethane	2.789	94	61688	17.649	ug/L	90
8) Chloroethane	2.936	64	76977	21.641	ug/L	99
9) Trichlorofluoromethane	3.265	101	108088	23.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99235	19.963	ug/L #	73
12) 1,1-Dichloroethene	4.039	96	95904	22.737	ug/L	98
13) Acetone	4.125	43	40556	31.658	ug/L	96
14) Carbon disulfide	4.393	76	248267	18.031	ug/L	100
15) Methyl Acetate	4.673	43	44195	17.378	ug/L	100
16) Methylene chloride	4.923	84	118706	18.545	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	104936	22.402	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	201798	26.927	ug/L	98
19) 1,1-Dichloroethane	6.216	63	241650	23.886	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	122104	23.639	ug/L	96
22) 2-Butanone	7.167	43	68830	39.196	ug/L	97
23) Bromochloromethane	7.514	128	53693	23.350	ug/L	95
25) Chloroform	7.679	83	233711	23.658	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163616	22.456	ug/L	99
29) Cyclohexane	7.959	56	137499	21.473	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	177219	28.452	ug/L	95
31) Carbon tetrachloride	8.069	117	146995	25.834	ug/L	98
33) Benzene	8.325	78	477717	28.384	ug/L	100
34) Trichloroethene	9.093	95	112480	25.050	ug/L	93
35) Methylcyclohexane	9.337	83	110015	15.579	ug/L	97
37) 1,2-Dichloropropane	9.368	63	138905	29.372	ug/L	98
38) Bromodichloromethane	9.642	83	164236	28.404	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	172077	25.740	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	159193	54.310	ug/L	99
42) Toluene	10.386	91	464801	26.864	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	144754	25.644	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	91148	27.673	ug/L	96
46) Tetrachloroethene	10.861	164	66244	21.105	ug/L	94
48) 2-Hexanone	10.965	43	102780	49.416	ug/L	98
49) Dibromochloromethane	11.123	129	93130	27.049	ug/L	99
50) 1,2-Dibromoethane	11.233	107	77811	26.317	ug/L	95
51) Chlorobenzene	11.654	112	264792	23.567	ug/L	99
52) Ethylbenzene	11.727	91	452957	23.063	ug/L	99
53) m,p-Xylene	11.837	106	162616	22.668	ug/L	82
54) o-Xylene	12.166	106	161379	24.070	ug/L	97
55) Styrene	12.178	104	267362	22.871	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	100720	24.721	ug/L	95
59) Bromoform	12.349	173	47054	34.377	ug/L	96
60) Isopropylbenzene	12.458	105	388540	29.198	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	75739	34.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	256892	26.656	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	283486	27.339	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	132645	23.034	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	138571	22.616	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	124512	23.388	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	15503	30.497	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	56125	14.441	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	42721	13.560	ug/L	100
71) Naphthalene	15.360	128	122921	19.768	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	37156	12.943	ug/L	99

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

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