

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029800.D
 Acq On : 30 Jul 2024 14:16
 Operator : SY/MD
 Sample : P3328-21MS
 Misc : 10.68g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20N1MS

Quant Time: Jul 31 02:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	253948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51926	14.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.600%
7) Chloroethane-d5	2.899	69	45634	17.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	4.015	65	26383	16.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.120%
21) 2-Butanone-d5	7.069	46	41608	42.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.220%
24) Chloroform-d	7.642	84	142535	21.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.301	65	83493	22.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	8.270	84	260381	19.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.720%
36) 1,2-Dichloropropane-d6	9.270	67	87115	20.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	10.319	98	233808	19.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.575	79	35249	20.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.480%
47) 2-Hexanone-d5	10.922	63	28914	41.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69222	22.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	75995	20.091	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	77143	22.536	ug/L	100
3) Chloromethane	2.222	50	97903	23.113	ug/L	97
5) Vinyl chloride	2.375	62	108486	22.858	ug/L	95
6) Bromomethane	2.783	94	60131	23.073	ug/L	95
8) Chloroethane	2.936	64	64635	23.939	ug/L	98
9) Trichlorofluoromethane	3.259	101	83427	22.006	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	82515	21.854	ug/L	96
12) 1,1-Dichloroethene	4.045	96	79297	22.857	ug/L	91
13) Acetone	4.118	43	47592	38.756	ug/L	100
14) Carbon disulfide	4.387	76	264776	22.934	ug/L	100
15) Methyl Acetate	4.667	43	48183	23.557	ug/L	100
16) Methylene chloride	4.917	84	118288	22.281	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	89490	23.937	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	141580	22.978	ug/L	97
19) 1,1-Dichloroethane	6.210	63	190656	24.180	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	97854	24.130	ug/L	96
22) 2-Butanone	7.167	43	66498	42.263	ug/L	99
23) Bromochloromethane	7.508	128	41971	24.379	ug/L	95
25) Chloroform	7.673	83	182880	24.618	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132416	24.459	ug/L	100
29) Cyclohexane	7.953	56	157262	22.602	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	139247	22.458	ug/L	99
31) Carbon tetrachloride	8.069	117	129674	23.210	ug/L	100
33) Benzene	8.319	78	398689	23.765	ug/L	100
34) Trichloroethene	9.087	95	100251	22.796	ug/L	92
35) Methylcyclohexane	9.337	83	170583	23.278	ug/L	99
37) 1,2-Dichloropropane	9.361	63	110666	24.072	ug/L	99
38) Bromodichloromethane	9.642	83	131116	23.950	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	156159	23.324	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	134975	46.222	ug/L	99
42) Toluene	10.386	91	407086	23.773	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	129619	23.321	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73031	23.646	ug/L	97
46) Tetrachloroethene	10.861	164	71464	22.357	ug/L	83
48) 2-Hexanone	10.965	43	97233	44.459	ug/L	98
49) Dibromochloromethane	11.123	129	77478	24.165	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66411	23.240	ug/L	95
51) Chlorobenzene	11.654	112	254268	23.872	ug/L	97
52) Ethylbenzene	11.727	91	458781	23.751	ug/L	99
53) m,p-Xylene	11.837	106	172256	24.248	ug/L	89
54) o-Xylene	12.160	106	159634	24.402	ug/L	99
55) Styrene	12.178	104	280188	24.709	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	86937	22.934	ug/L #	99
59) Bromoform	12.343	173	41155	22.452	ug/L	98
60) Isopropylbenzene	12.458	105	441902	23.443	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65799	22.209	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360802	25.751	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380968	25.424	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	188343	23.418	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	192281	23.275	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	162798	22.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13788	20.496	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	120823	21.957	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	99214	21.402	ug/L	97
71) Naphthalene	15.360	128	187743	21.225	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	94349	22.486	ug/L	98

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

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