

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081924\
 Data File : VW029941.D
 Acq On : 19 Aug 2024 10:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Aug 20 02:32:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 17 00:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	195792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182583	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58174	20.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
7) Chloroethane-d5	2.899	69	52062	26.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.015	65	24913	19.635	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	7.081	46	29764	39.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.140%
24) Chloroform-d	7.648	84	140771	27.774	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.080%
26) 1,2-Dichloroethane-d4	8.307	65	76141	26.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.480%
32) Benzene-d6	8.276	84	251080	25.451	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	9.270	67	78368	24.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	10.325	98	234048	26.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.575	79	31054	24.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.440%
47) 2-Hexanone-d5	10.922	63	22988	44.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67971	29.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	77295	26.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58681	22.235	ug/L	95
3) Chloromethane	2.222	50	62994	19.289	ug/L	97
5) Vinyl chloride	2.375	62	84816	23.179	ug/L	93
6) Bromomethane	2.789	94	56467	28.102	ug/L	98
8) Chloroethane	2.936	64	56408	27.098	ug/L	94
9) Trichlorofluoromethane	3.265	101	80312	27.477	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78489	26.962	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	65533	24.500	ug/L	91
13) Acetone	4.124	43	35286	37.269	ug/L	95
14) Carbon disulfide	4.393	76	182395	20.491	ug/L	99
15) Methyl Acetate	4.673	43	31705	20.105	ug/L	93
16) Methylene chloride	4.917	84	81243	19.849	ug/L	87
17) trans-1,2-Dichloroethene	5.423	96	74102	25.709	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	111060	23.378	ug/L	99
19) 1,1-Dichloroethane	6.216	63	150929	24.827	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	84400	26.994	ug/L	89
22) 2-Butanone	7.173	43	44615	36.777	ug/L	88
23) Bromochloromethane	7.514	128	36098	27.196	ug/L	85
25) Chloroform	7.673	83	164227	28.673	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109109	26.140	ug/L	99
29) Cyclohexane	7.959	56	103352	19.919	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	128947	27.888	ug/L	97
31) Carbon tetrachloride	8.069	117	119313	28.638	ug/L	100
33) Benzene	8.319	78	330384	26.409	ug/L	100
34) Trichloroethene	9.087	95	87708	26.744	ug/L	92
35) Methylcyclohexane	9.337	83	133914	24.505	ug/L	93
37) 1,2-Dichloropropane	9.367	63	86263	25.162	ug/L	99
38) Bromodichloromethane	9.642	83	116138	28.448	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	126081	25.253	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	92530	42.492	ug/L #	94
42) Toluene	10.386	91	355736	27.858	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	108975	26.293	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	66021	28.666	ug/L	95
46) Tetrachloroethene	10.861	164	62673	26.293	ug/L	87
48) 2-Hexanone	10.965	43	67512	41.395	ug/L #	94
49) Dibromochloromethane	11.123	129	72337	30.255	ug/L	93
50) 1,2-Dibromoethane	11.233	107	59747	28.037	ug/L	94
51) Chlorobenzene	11.654	112	218501	27.509	ug/L	94
52) Ethylbenzene	11.727	91	409170	28.406	ug/L	96
53) m,p-Xylene	11.836	106	150636	28.436	ug/L	93
54) o-Xylene	12.166	106	140038	28.706	ug/L	96
55) Styrene	12.178	104	247875	29.314	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	81080	28.683	ug/L	99
59) Bromoform	12.349	173	40439	28.560	ug/L	97
60) Isopropylbenzene	12.458	105	394299	27.079	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	56762	24.802	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	314627	29.070	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	321164	27.746	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	167366	26.940	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	176326	27.631	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	152779	27.011	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12518	24.089	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	111800	26.303	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	91281	25.491	ug/L	96
71) Naphthalene	15.360	128	170399	24.939	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	83805	25.857	ug/L	98

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

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