

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031224\
 Data File : VW028149.D
 Acq On : 12 Mar 2024 09:23
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Mar 13 01:06:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 12 01:08:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252254	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	72448	24.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.905	69	60200	25.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.240%
11) 1,1-Dichloroethene-d2	4.027	65	31876	25.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.680%
21) 2-Butanone-d5	7.081	46	24381	56.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.520%
24) Chloroform-d	7.648	84	150091	28.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.360%
26) 1,2-Dichloroethane-d4	8.307	65	70174	28.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.880%
32) Benzene-d6	8.276	84	288805	26.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.040%
36) 1,2-Dichloropropane-d6	9.276	67	75391	27.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.160%
41) Toluene-d8	10.324	98	276260	27.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.640%
43) trans-1,3-Dichloroprop...	10.574	79	34698	28.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.600%
47) 2-Hexanone-d5	10.922	63	23347	59.449	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62327	28.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.280%
66) 1,2-Dichlorobenzene-d4	13.854	152	97015	25.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	62898	24.406	ug/L	95
3) Chloromethane	2.228	50	55287	22.563	ug/L	98
5) Vinyl chloride	2.375	62	82160	24.060	ug/L	99
6) Bromomethane	2.795	94	62871	23.078	ug/L	92
8) Chloroethane	2.942	64	53348	24.876	ug/L	100
9) Trichlorofluoromethane	3.271	101	77309	24.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	82581	24.939	ug/L	98
12) 1,1-Dichloroethene	4.051	96	75005	23.919	ug/L	91
13) Acetone	4.130	43	27529	45.850	ug/L	100
14) Carbon disulfide	4.399	76	219011	22.928	ug/L	99
15) Methyl Acetate	4.673	43	20176	23.775	ug/L	98
16) Methylene chloride	4.929	84	77756	22.408	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	79622	23.763	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	100402	24.467	ug/L #	89
19) 1,1-Dichloroethane	6.215	63	130772	24.683	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	84988	24.102	ug/L	96
22) 2-Butanone	7.173	43	30357	45.272	ug/L	98
23) Bromochloromethane	7.514	128	39732	24.001	ug/L	98
25) Chloroform	7.679	83	147032	24.847	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88765	25.226	ug/L	100
29) Cyclohexane	7.959	56	108024	24.301	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131488	25.475	ug/L	100
31) Carbon tetrachloride	8.069	117	123356	25.594	ug/L	97
33) Benzene	8.325	78	305858	24.491	ug/L	100
34) Trichloroethene	9.093	95	88198	24.103	ug/L	93
35) Methylcyclohexane	9.337	83	143587	24.245	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71372	24.541	ug/L	99
38) Bromodichloromethane	9.642	83	103733	24.694	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	119543	24.996	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	56978	49.326	ug/L	98
42) Toluene	10.385	91	356782	25.283	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	99071	25.500	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59175	24.261	ug/L	97
46) Tetrachloroethene	10.861	164	76227	24.856	ug/L	97
48) 2-Hexanone	10.965	43	44727	47.888	ug/L	98
49) Dibromochloromethane	11.123	129	70556	24.884	ug/L	94
50) 1,2-Dibromoethane	11.233	107	56613	24.099	ug/L	100
51) Chlorobenzene	11.653	112	234818	24.939	ug/L	95
52) Ethylbenzene	11.727	91	397854	24.660	ug/L	98
53) m,p-Xylene	11.836	106	154423	24.670	ug/L	98
54) o-Xylene	12.159	106	146817	24.783	ug/L	98
55) Styrene	12.178	104	254130	25.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	65008	24.719	ug/L	97
59) Bromoform	12.342	173	43088	24.213	ug/L	98
60) Isopropylbenzene	12.458	105	413633	24.019	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44328	22.972	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	276106	24.454	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	325320	24.162	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190545	23.941	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	193097	24.032	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	169772	23.681	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	9754	24.067	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	138613	23.600	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	110316	23.388	ug/L	99
71) Naphthalene	15.360	128	189008	24.501	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	97430	24.701	ug/L	95

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

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