

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032024\
 Data File : VW028219.D
 Acq On : 20 Mar 2024 15:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Mar 21 01:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 21 01:12:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182548	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	165313	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	48146	22.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
7) Chloroethane-d5	2.905	69	37388	25.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	4.021	65	33624	24.825	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.280%
21) 2-Butanone-d5	7.087	46	40188	63.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.580%
24) Chloroform-d	7.654	84	157459	29.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	8.307	65	88951	29.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.960%
32) Benzene-d6	8.276	84	298135	29.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.160%
36) 1,2-Dichloropropane-d6	9.270	67	86342	29.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.920%
41) Toluene-d8	10.325	98	275342	29.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.320%
43) trans-1,3-Dichloroprop...	10.575	79	39889	30.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.960%
47) 2-Hexanone-d5	10.922	63	32577	67.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.700%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69362	32.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	95963	30.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	48765	18.415	ug/L #	82
3) Chloromethane	2.229	50	39329	20.940	ug/L	99
5) Vinyl chloride	2.381	62	46298	21.807	ug/L	95
6) Bromomethane	2.796	94	29737	23.519	ug/L	93
8) Chloroethane	2.936	64	26343	23.085	ug/L	98
9) Trichlorofluoromethane	3.271	101	61918	24.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58886	23.093	ug/L	99
12) 1,1-Dichloroethene	4.045	96	57937	24.578	ug/L	88
13) Acetone	4.131	43	31084	44.440	ug/L	99
14) Carbon disulfide	4.399	76	169652	23.075	ug/L	99
15) Methyl Acetate	4.679	43	26926	24.992	ug/L	97
16) Methylene chloride	4.917	84	64513	23.220	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	62942	25.125	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	100478	26.584	ug/L	99
19) 1,1-Dichloroethane	6.222	63	122909	25.343	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	71151	26.298	ug/L	98
22) 2-Butanone	7.173	43	39165	49.317	ug/L	98
23) Bromochloromethane	7.514	128	29823	24.933	ug/L	94
25) Chloroform	7.679	83	128445	25.726	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91957	26.080	ug/L	97
29) Cyclohexane	7.959	56	105198	24.397	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	111400	25.707	ug/L	99
31) Carbon tetrachloride	8.069	117	103321	25.419	ug/L	98
33) Benzene	8.325	78	263887	25.941	ug/L	100
34) Trichloroethene	9.093	95	71809	25.302	ug/L	97
35) Methylcyclohexane	9.337	83	119025	24.811	ug/L	98
37) 1,2-Dichloropropane	9.367	63	67166	25.814	ug/L	100
38) Bromodichloromethane	9.648	83	92942	26.494	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	111415	26.738	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	77339	53.849	ug/L	97
42) Toluene	10.386	91	287687	25.913	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	94233	26.785	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	50312	26.763	ug/L	97
46) Tetrachloroethene	10.861	164	56324	24.620	ug/L	99
48) 2-Hexanone	10.965	43	57814	51.388	ug/L	96
49) Dibromochloromethane	11.123	129	58732	26.379	ug/L	99
50) 1,2-Dibromoethane	11.233	107	47353	26.343	ug/L	99
51) Chlorobenzene	11.654	112	180868	25.666	ug/L	95
52) Ethylbenzene	11.727	91	331462	25.575	ug/L	98
53) m,p-Xylene	11.837	106	125567	25.746	ug/L	95
54) o-Xylene	12.160	106	120244	26.587	ug/L	91
55) Styrene	12.178	104	208693	26.864	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	57951	26.950	ug/L	93
59) Bromoform	12.349	173	36673	27.954	ug/L	95
60) Isopropylbenzene	12.458	105	339187	26.075	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42793	25.611	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	233586	26.763	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	280828	26.647	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	148577	25.603	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	152354	26.255	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	133580	26.730	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10091	25.709	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	103475	25.598	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	85713	24.960	ug/L	96
71) Naphthalene	15.360	128	158834	26.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	74216	26.216	ug/L	97

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

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