

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032524\
 Data File : VW028242.D
 Acq On : 25 Mar 2024 14:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Mar 26 01:18:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 26 01:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	220040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	198698	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51633	20.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.200%
7) Chloroethane-d5	2.905	69	42097	23.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	4.027	65	35488	21.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.081	46	43211	56.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.654	84	171631	26.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.307	65	93921	26.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.080%
32) Benzene-d6	8.276	84	322230	26.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.240%
36) 1,2-Dichloropropane-d6	9.276	67	96991	27.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	10.325	98	294241	26.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	10.575	79	43261	27.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.120%
47) 2-Hexanone-d5	10.922	63	35101	60.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76060	29.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	102161	27.295	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	58183	18.228	ug/L	# 87
3) Chloromethane	2.228	50	44644	19.720	ug/L	99
5) Vinyl chloride	2.381	62	57064	22.298	ug/L	99
6) Bromomethane	2.795	94	35897	23.553	ug/L	91
8) Chloroethane	2.942	64	32461	23.599	ug/L	98
9) Trichlorofluoromethane	3.277	101	67819	21.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	70458	22.923	ug/L	96
12) 1,1-Dichloroethene	4.045	96	66591	23.436	ug/L	95
13) Acetone	4.143	43	32485	38.530	ug/L	100
14) Carbon disulfide	4.393	76	196979	22.227	ug/L	99
15) Methyl Acetate	4.679	43	29850	22.985	ug/L	98
16) Methylene chloride	4.917	84	74486	22.241	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	72190	23.907	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	119149	26.153	ug/L	99
19) 1,1-Dichloroethane	6.222	63	141385	24.185	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80153	24.577	ug/L	98
22) 2-Butanone	7.179	43	42076	43.955	ug/L	96
23) Bromochloromethane	7.520	128	35722	24.776	ug/L	95
25) Chloroform	7.679	83	148856	24.734	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	100547	23.658	ug/L	96
29) Cyclohexane	7.959	56	119107	22.982	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	124719	23.945	ug/L	99
31) Carbon tetrachloride	8.069	117	113128	23.155	ug/L	98
33) Benzene	8.325	78	304005	24.864	ug/L	100
34) Trichloroethene	9.093	95	82083	24.062	ug/L	96
35) Methylcyclohexane	9.337	83	130206	22.581	ug/L	99
37) 1,2-Dichloropropane	9.367	63	79423	25.396	ug/L	100
38) Bromodichloromethane	9.642	83	105654	25.057	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	127095	25.376	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	88395	51.206	ug/L	97
42) Toluene	10.386	91	329501	24.692	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109331	25.855	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	58230	25.770	ug/L	98
46) Tetrachloroethene	10.861	164	65813	23.934	ug/L	96
48) 2-Hexanone	10.965	43	63971	47.307	ug/L	98
49) Dibromochloromethane	11.129	129	66525	24.859	ug/L	95
50) 1,2-Dibromoethane	11.233	107	54738	25.335	ug/L	100
51) Chlorobenzene	11.654	112	208724	24.643	ug/L	97
52) Ethylbenzene	11.727	91	382866	24.578	ug/L	99
53) m,p-Xylene	11.837	106	143984	24.562	ug/L	96
54) o-Xylene	12.166	106	139021	25.574	ug/L	97
55) Styrene	12.178	104	240815	25.790	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	66675	25.798	ug/L	95
59) Bromoform	12.349	173	41012	26.638	ug/L	97
60) Isopropylbenzene	12.464	105	375495	24.598	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	48745	24.859	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	261274	25.508	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	318459	25.749	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	169707	24.919	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	166996	24.522	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	156628	26.707	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11264	24.454	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	124721	26.291	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102817	25.513	ug/L	97
71) Naphthalene	15.360	128	185141	26.766	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88244	26.561	ug/L	98

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

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