

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031124\
 Data File : VW028147.D
 Acq On : 11 Mar 2024 12:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Mar 12 01:09:53 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	263742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	239094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70207	22.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
7) Chloroethane-d5	2.905	69	56530	23.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.021	65	28215	21.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.760%
21) 2-Butanone-d5	7.075	46	22712	50.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.140%
24) Chloroform-d	7.648	84	134819	24.134	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.301	65	62556	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.270	84	263936	23.647	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.270	67	68907	23.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.325	98	253264	24.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.575	79	30671	24.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	20756	51.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58394	25.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	92530	23.329	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70176	26.044	ug/L	# 87
3) Chloromethane	2.223	50	61294	23.925	ug/L	97
5) Vinyl chloride	2.375	62	89487	25.064	ug/L	100
6) Bromomethane	2.790	94	63580	22.321	ug/L	92
8) Chloroethane	2.936	64	52930	23.606	ug/L	96
9) Trichlorofluoromethane	3.265	101	73912	22.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80389	23.220	ug/L	88
12) 1,1-Dichloroethene	4.045	96	75035	22.886	ug/L	97
13) Acetone	4.119	43	31000	49.382	ug/L	98
14) Carbon disulfide	4.387	76	219146	21.943	ug/L	96
15) Methyl Acetate	4.667	43	20051	22.598	ug/L	99
16) Methylene chloride	4.917	84	80043	22.063	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	81777	23.343	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	99913	23.288	ug/L	98
19) 1,1-Dichloroethane	6.222	63	129263	23.336	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	85687	23.241	ug/L	97
22) 2-Butanone	7.173	43	31486	44.910	ug/L	100
23) Bromochloromethane	7.514	128	39036	22.554	ug/L	96
25) Chloroform	7.679	83	146177	23.626	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86492	23.509	ug/L	100
29) Cyclohexane	7.959	56	109644	23.848	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	129987	24.350	ug/L	100
31) Carbon tetrachloride	8.069	117	121777	24.428	ug/L	99
33) Benzene	8.325	78	306626	23.738	ug/L	100
34) Trichloroethene	9.087	95	88752	23.450	ug/L	98
35) Methylcyclohexane	9.331	83	145532	23.759	ug/L	99
37) 1,2-Dichloropropane	9.368	63	70259	23.357	ug/L	99
38) Bromodichloromethane	9.642	83	103184	23.749	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	119493	24.157	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	57454	48.089	ug/L	99
42) Toluene	10.386	91	347690	23.822	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	97672	24.306	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58996	23.386	ug/L	97
46) Tetrachloroethene	10.861	164	75391	23.768	ug/L	88
48) 2-Hexanone	10.965	43	46335	47.964	ug/L	99
49) Dibromochloromethane	11.123	129	70634	24.085	ug/L	93
50) 1,2-Dibromoethane	11.233	107	57649	23.726	ug/L	98
51) Chlorobenzene	11.654	112	226207	23.228	ug/L	90
52) Ethylbenzene	11.727	91	403148	24.160	ug/L	99
53) m,p-Xylene	11.837	106	157352	24.304	ug/L	95
54) o-Xylene	12.160	106	147987	24.152	ug/L	100
55) Styrene	12.178	104	245424	23.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	62528	22.987	ug/L	99
59) Bromoform	12.349	173	40709	21.532	ug/L	96
60) Isopropylbenzene	12.459	105	414651	22.663	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44220	21.570	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	273804	22.825	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	330127	23.078	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	188383	22.278	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	191907	22.480	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	168666	22.144	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10048	23.335	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	135461	21.708	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	116175	23.183	ug/L	94
71) Naphthalene	15.360	128	190165	23.202	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	96151	22.944	ug/L	96

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

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