

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092524\
 Data File : VW030247.D
 Acq On : 25 Sep 2024 17:20
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Sep 26 01:21:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	172393	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	158788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	80348	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	42584	19.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.899	69	35576	22.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	4.021	65	22636	20.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.400%
21) 2-Butanone-d5	7.075	46	30201	56.024	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.040%
24) Chloroform-d	7.648	84	116393	24.555	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	8.301	65	61606	25.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.276	84	221742	24.241	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.270	67	71225	25.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	10.325	98	198215	24.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.720%
43) trans-1,3-Dichloroprop...	10.575	79	27000	23.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.440%
47) 2-Hexanone-d5	10.922	63	24559	56.826	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56334	26.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	66935	24.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	34794	18.304	ug/L	95
3) Chloromethane	2.223	50	47344	26.676	ug/L	99
5) Vinyl chloride	2.375	62	55134	25.207	ug/L	94
6) Bromomethane	2.790	94	32629	24.901	ug/L	99
8) Chloroethane	2.936	64	34177	26.181	ug/L	97
9) Trichlorofluoromethane	3.265	101	51530	19.976	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	50084	21.417	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	50607	24.592	ug/L	93
13) Acetone	4.125	43	36988	59.805	ug/L	95
14) Carbon disulfide	4.387	76	125546	21.477	ug/L	99
15) Methyl Acetate	4.673	43	28243	28.238	ug/L	98
16) Methylene chloride	4.917	84	61400	24.154	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	55077	24.279	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	95853	26.810	ug/L	98
19) 1,1-Dichloroethane	6.216	63	126761	27.518	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	67283	27.025	ug/L	96
22) 2-Butanone	7.167	43	41784	57.073	ug/L	97
23) Bromochloromethane	7.520	128	29155	26.204	ug/L	95
25) Chloroform	7.679	83	130082	27.803	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	84520	28.808	ug/L	97
29) Cyclohexane	7.959	56	86903	25.688	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	100042	26.048	ug/L	97
31) Carbon tetrachloride	8.069	117	85348	24.455	ug/L	98
33) Benzene	8.325	78	268382	27.645	ug/L	100
34) Trichloroethene	9.087	95	68701	26.215	ug/L	88
35) Methylcyclohexane	9.337	83	97422	24.113	ug/L	96
37) 1,2-Dichloropropane	9.368	63	75982	28.876	ug/L	99
38) Bromodichloromethane	9.642	83	93028	28.076	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	109437	28.429	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	84325	62.717	ug/L	95
42) Toluene	10.386	91	281370	27.314	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	92004	28.412	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	52401	27.368	ug/L	95
46) Tetrachloroethene	10.861	164	46597	24.096	ug/L	93
48) 2-Hexanone	10.965	43	62605	60.550	ug/L	97
49) Dibromochloromethane	11.123	129	56285	27.010	ug/L	92
50) 1,2-Dibromoethane	11.233	107	46753	26.482	ug/L	96
51) Chlorobenzene	11.654	112	178607	26.843	ug/L	99
52) Ethylbenzene	11.727	91	329889	27.976	ug/L	96
53) m,p-Xylene	11.837	106	121803	27.996	ug/L	82
54) o-Xylene	12.160	106	116882	28.549	ug/L	95
55) Styrene	12.178	104	207696	29.247	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	63805	27.919	ug/L	99
59) Bromoform	12.349	173	32109	25.250	ug/L	99
60) Isopropylbenzene	12.459	105	318854	26.953	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	44899	26.861	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	259830	29.967	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	255305	28.323	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	141062	26.905	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	140711	25.977	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	124156	26.276	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.477	75	9618	26.383	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	89146	24.359	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	75503	25.470	ug/L	98
71) Naphthalene	15.361	128	150275	27.916	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	69582	26.767	ug/L	99

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

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