

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112524\
 Data File : VW031103.D
 Acq On : 25 Nov 2024 09:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: Nov 26 04:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 22:09:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	449302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	201219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131790	24.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.899	69	104896	24.264	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	4.021	65	60677	22.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.075	46	44898	35.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.200%
24) Chloroform-d	7.648	84	274291	22.474	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.307	65	127781	21.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.720%
32) Benzene-d6	8.276	84	548837	24.331	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.270	67	157843	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.319	98	512488	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.575	79	61475	22.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.922	63	34595	36.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103202	20.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	158389	22.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	129787	24.366	ug/L	98
3) Chloromethane	2.222	50	153463	23.435	ug/L	98
5) Vinyl chloride	2.375	62	186890	27.677	ug/L	99
6) Bromomethane	2.789	94	121245	25.715	ug/L	93
8) Chloroethane	2.936	64	111091	27.429	ug/L	99
9) Trichlorofluoromethane	3.271	101	208363	22.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	158575	25.093	ug/L	98
12) 1,1-Dichloroethene	4.039	96	156900	25.483	ug/L	90
13) Acetone	4.118	43	85785	45.826	ug/L	99
14) Carbon disulfide	4.387	76	521861	26.150	ug/L	98
15) Methyl Acetate	4.673	43	48906	20.127	ug/L	99
16) Methylene chloride	4.917	84	157663	24.512	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	167430	25.069	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	217014	22.549	ug/L	100
19) 1,1-Dichloroethane	6.216	63	298505	25.505	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	176177	25.002	ug/L	98
22) 2-Butanone	7.167	43	85992	42.478	ug/L	99
23) Bromochloromethane	7.514	128	75724	23.984	ug/L	93
25) Chloroform	7.679	83	308596	25.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176931	24.268	ug/L	98
29) Cyclohexane	7.959	56	261136	28.028	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	264942	27.421	ug/L	100
31) Carbon tetrachloride	8.069	117	239130	27.218	ug/L	98
33) Benzene	8.325	78	690207	27.071	ug/L	100
34) Trichloroethene	9.087	95	182520	26.426	ug/L	96
35) Methylcyclohexane	9.337	83	311210	28.039	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168981	26.582	ug/L	99
38) Bromodichloromethane	9.642	83	210195	26.272	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	252570	26.362	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	134646	45.015	ug/L	100
42) Toluene	10.386	91	741116	27.524	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	201592	26.056	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	112859	24.408	ug/L	96
46) Tetrachloroethene	10.861	164	146993	26.614	ug/L	92
48) 2-Hexanone	10.965	43	118226	49.992	ug/L	96
49) Dibromochloromethane	11.123	129	132563	25.779	ug/L	94
50) 1,2-Dibromoethane	11.233	107	104706	23.796	ug/L	95
51) Chlorobenzene	11.654	112	448756	25.484	ug/L	96
52) Ethylbenzene	11.727	91	829270	27.469	ug/L	97
53) m,p-Xylene	11.837	106	319463	27.725	ug/L	100
54) o-Xylene	12.166	106	302085	27.896	ug/L	91
55) Styrene	12.178	104	512915	27.832	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	120565	23.377	ug/L #	94
59) Bromoform	12.349	173	69075	22.938	ug/L	97
60) Isopropylbenzene	12.458	105	813399	27.745	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82848	22.491	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	681962	29.489	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	652853	28.620	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	359316	26.874	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	338731	24.348	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	306019	25.532	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	16949	21.052	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	245381	26.847	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	187707	25.680	ug/L	99
71) Naphthalene	15.360	128	290999	23.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	160213	24.626	ug/L	98

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

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