

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031541.D
 Acq On : 27 Dec 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Dec 27 22:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	533668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	463438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	225947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164741	20.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.899	69	142371	23.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
11) 1,1-Dichloroethene-d2	4.015	65	74110	19.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.840%
21) 2-Butanone-d5	7.100	46	61585	40.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.460%
24) Chloroform-d	7.648	84	338737	23.166	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	157857	21.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	8.270	84	637004	21.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	9.270	67	189735	21.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.319	98	593639	21.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	10.575	79	70512	17.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.640%
47) 2-Hexanone-d5	10.922	63	44687	38.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123048	22.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	192032	22.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	130614	27.081	ug/L	98
3) Chloromethane	2.222	50	135237	24.959	ug/L	100
5) Vinyl chloride	2.369	62	213855	28.480	ug/L	97
6) Bromomethane	2.796	94	132265	28.651	ug/L	99
8) Chloroethane	2.930	64	135992	30.453	ug/L	99
9) Trichlorofluoromethane	3.271	101	235387	29.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	187025	28.953	ug/L	96
12) 1,1-Dichloroethene	4.039	96	174647	26.695	ug/L	87
13) Acetone	4.179	43	80643	38.293	ug/L #	100
14) Carbon disulfide	4.387	76	432347	20.263	ug/L	99
15) Methyl Acetate	4.698	43	47043	19.667	ug/L	98
16) Methylene chloride	4.917	84	195591	29.129	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	180628	25.613	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	267207	22.665	ug/L	98
19) 1,1-Dichloroethane	6.216	63	352387	26.740	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	203137	26.624	ug/L	94
22) 2-Butanone	7.185	43	95798	37.543	ug/L	97
23) Bromochloromethane	7.514	128	79251	26.044	ug/L	92
25) Chloroform	7.673	83	359105	27.611	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	206951	25.310	ug/L	100
29) Cyclohexane	7.953	56	304565	24.233	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	313554	26.177	ug/L	98
31) Carbon tetrachloride	8.069	117	275232	25.791	ug/L	98
33) Benzene	8.319	78	761442	26.587	ug/L	100
34) Trichloroethene	9.087	95	215162	26.611	ug/L	95
35) Methylcyclohexane	9.337	83	356290	25.303	ug/L	97
37) 1,2-Dichloropropane	9.368	63	187427	26.234	ug/L	100
38) Bromodichloromethane	9.642	83	234569	25.255	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	291996	24.186	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	150511	39.707	ug/L	98
42) Toluene	10.386	91	841454	26.986	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	222379	22.558	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	121308	25.527	ug/L	98
46) Tetrachloroethene	10.861	164	165952	28.020	ug/L	90
48) 2-Hexanone	10.965	43	136209	42.251	ug/L	98
49) Dibromochloromethane	11.123	129	132665	23.551	ug/L	96
50) 1,2-Dibromoethane	11.233	107	110261	24.493	ug/L	95
51) Chlorobenzene	11.654	112	533461	27.287	ug/L	99
52) Ethylbenzene	11.727	91	995049	27.535	ug/L	95
53) m,p-Xylene	11.837	106	379294	27.570	ug/L	95
54) o-Xylene	12.160	106	347235	26.781	ug/L	94
55) Styrene	12.178	104	591429	27.423	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	126105	24.616	ug/L	97
59) Bromoform	12.349	173	64186	20.221	ug/L	97
60) Isopropylbenzene	12.458	105	1066115	28.833	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89033	23.028	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	831792	26.534	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	807125	26.639	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	412677	27.547	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	401409	27.043	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	346333	26.831	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17921	18.265	ug/L	96
69) 1,3,5-Trichlorobenzene	14.617	180	302380	28.820	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	232520	26.642	ug/L	98
71) Naphthalene	15.354	128	366749	23.968	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	187875	26.718	ug/L	98

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

