

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041124\
 Data File : VW028415.D
 Acq On : 11 Apr 2024 19:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Apr 12 01:02:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 00:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	307567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	281770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138055	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98296	19.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.760%
7) Chloroethane-d5	2.899	69	81751	21.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	4.027	65	42616	20.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.640%
21) 2-Butanone-d5	7.081	46	44875	48.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.280%
24) Chloroform-d	7.648	84	192110	23.937	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	8.301	65	103328	24.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.080%
32) Benzene-d6	8.270	84	364772	23.697	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	9.270	67	111688	24.410	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.325	98	330223	23.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.575	79	42785	23.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	10.922	63	31370	49.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82084	25.427	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	105774	24.227	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	90157	21.794	ug/L	98
3) Chloromethane	2.222	50	108385	22.316	ug/L	99
5) Vinyl chloride	2.375	62	124105	21.457	ug/L	98
6) Bromomethane	2.789	94	79049	21.875	ug/L	100
8) Chloroethane	2.936	64	78548	22.528	ug/L	98
9) Trichlorofluoromethane	3.271	101	95244	20.642	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	88731	20.440	ug/L	95
12) 1,1-Dichloroethene	4.045	96	89266	21.901	ug/L	97
13) Acetone	4.131	43	34408	30.371	ug/L	99
14) Carbon disulfide	4.393	76	288542	21.502	ug/L	100
15) Methyl Acetate	4.673	43	44125	24.206	ug/L	99
16) Methylene chloride	4.923	84	99417	21.362	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	100565	23.423	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	146660	24.283	ug/L	99
19) 1,1-Dichloroethane	6.222	63	200558	23.975	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	107978	23.696	ug/L	98
22) 2-Butanone	7.179	43	52222	37.982	ug/L	98
23) Bromochloromethane	7.514	128	46675	23.780	ug/L	93
25) Chloroform	7.679	83	197846	24.076	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135879	23.957	ug/L	99
29) Cyclohexane	7.959	56	167784	22.543	ug/L	100
30) 1,1,1-Trichloroethane	7.880	97	154678	22.635	ug/L	99
31) Carbon tetrachloride	8.069	117	135908	22.428	ug/L	99
33) Benzene	8.325	78	418135	23.735	ug/L	100
34) Trichloroethene	9.093	95	109631	22.963	ug/L	97
35) Methylcyclohexane	9.337	83	177203	21.751	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108837	23.703	ug/L	100
38) Bromodichloromethane	9.642	83	137504	24.160	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	157419	23.379	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	121339	52.789	ug/L	100
42) Toluene	10.386	91	445502	23.870	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	129892	23.845	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75745	24.383	ug/L	95
46) Tetrachloroethene	10.861	164	77940	21.855	ug/L	81
48) 2-Hexanone	10.965	43	80555	44.151	ug/L	97
49) Dibromochloromethane	11.123	129	78296	23.581	ug/L	96
50) 1,2-Dibromoethane	11.233	107	69291	24.439	ug/L	96
51) Chlorobenzene	11.654	112	275334	23.734	ug/L	96
52) Ethylbenzene	11.727	91	503742	23.810	ug/L	94
53) m,p-Xylene	11.836	106	183743	23.354	ug/L	93
54) o-Xylene	12.160	106	172919	23.604	ug/L	88
55) Styrene	12.178	104	311393	24.975	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	87526	24.897	ug/L	97
59) Bromoform	12.343	173	43166	23.687	ug/L	99
60) Isopropylbenzene	12.458	105	487723	23.565	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63225	25.049	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	318848	24.171	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	386919	24.372	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	201465	22.941	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	200933	22.493	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	180597	23.379	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12778	22.093	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	131634	21.783	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	105189	22.290	ug/L	92
71) Naphthalene	15.354	128	208128	24.920	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93516	22.332	ug/L	98

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

