

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029851.D
 Acq On : 08 Aug 2024 02:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Aug 08 02:51:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231424	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	105351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56176	17.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.400%
7) Chloroethane-d5	2.899	69	48483	20.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.021	65	28504	19.006	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.040%
21) 2-Butanone-d5	7.081	46	45927	51.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.648	84	162646	27.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	8.307	65	90665	26.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.280%
32) Benzene-d6	8.276	84	290447	24.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	9.270	67	97917	26.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	10.319	98	253541	24.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	10.575	79	36091	23.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.880%
47) 2-Hexanone-d5	10.922	63	31640	51.573	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74506	26.969	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	82806	25.313	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73772	23.649	ug/L	98
3) Chloromethane	2.223	50	97122	25.161	ug/L	100
5) Vinyl chloride	2.375	62	111923	25.877	ug/L	99
6) Bromomethane	2.789	94	60871	25.630	ug/L	95
8) Chloroethane	2.930	64	68014	27.642	ug/L	95
9) Trichlorofluoromethane	3.271	101	87055	25.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89031	25.874	ug/L	98
12) 1,1-Dichloroethene	4.045	96	83685	26.470	ug/L	86
13) Acetone	4.137	43	36169	32.320	ug/L	97
14) Carbon disulfide	4.393	76	271226	25.779	ug/L	98
15) Methyl Acetate	4.673	43	47052	25.243	ug/L	99
16) Methylene chloride	4.917	84	117595	24.307	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	94118	27.625	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	152545	27.167	ug/L	98
19) 1,1-Dichloroethane	6.216	63	200612	27.919	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	103377	27.973	ug/L	93
22) 2-Butanone	7.179	43	58149	40.553	ug/L	98
23) Bromochloromethane	7.514	128	45223	28.825	ug/L	87
25) Chloroform	7.679	83	197162	29.124	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138198	28.011	ug/L	98
29) Cyclohexane	7.953	56	152112	24.821	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151521	27.745	ug/L	97
31) Carbon tetrachloride	8.069	117	131044	26.630	ug/L	95
33) Benzene	8.325	78	413463	27.982	ug/L	100
34) Trichloroethene	9.093	95	103972	26.842	ug/L	97
35) Methylcyclohexane	9.337	83	164866	25.543	ug/L	98
37) 1,2-Dichloropropane	9.368	63	115549	28.536	ug/L	99
38) Bromodichloromethane	9.642	83	139440	28.918	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	160587	27.232	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	135027	52.499	ug/L	99
42) Toluene	10.386	91	429930	28.506	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	133598	27.291	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74991	27.568	ug/L	94
46) Tetrachloroethene	10.861	164	72907	25.896	ug/L	94
48) 2-Hexanone	10.965	43	90998	47.240	ug/L	99
49) Dibromochloromethane	11.123	129	78887	27.935	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70170	27.879	ug/L	97
51) Chlorobenzene	11.654	112	260088	27.723	ug/L	98
52) Ethylbenzene	11.727	91	481148	28.281	ug/L	97
53) m,p-Xylene	11.837	106	177712	28.402	ug/L	97
54) o-Xylene	12.160	106	166486	28.894	ug/L	99
55) Styrene	12.178	104	292226	29.259	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	89616	26.841	ug/L	99
59) Bromoform	12.343	173	43916	27.703	ug/L	98
60) Isopropylbenzene	12.458	105	459397	28.180	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67290	26.262	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	375387	30.979	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	376706	29.069	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	196886	28.307	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	190709	26.693	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	169247	26.727	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	14054	24.157	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.629	180	114232	24.004	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	98359	24.534	ug/L	98
71) Naphthalene	15.360	128	204418	26.722	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	96043	26.468	ug/L	98

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

