

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
 Data File : VW029144.D
 Acq On : 13 Jun 2024 23:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Quant Time: Jun 14 06:43:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 14 05:21:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	255493	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	122206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	70945	17.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.920%
7) Chloroethane-d5	2.899	69	64177	20.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	4.021	65	33663	18.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.075	46	53934	65.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.080%
24) Chloroform-d	7.648	84	174638	23.959	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.306	65	98780	25.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.960%
32) Benzene-d6	8.276	84	319200	22.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.270	67	103682	23.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	10.318	98	274430	21.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.574	79	39682	23.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.922	63	37066	64.643	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87309	28.924	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	95838	22.100	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	55052	18.870	ug/L	98
3) Chloromethane	2.222	50	85815	24.076	ug/L	100
5) Vinyl chloride	2.375	62	97122	22.511	ug/L	94
6) Bromomethane	2.789	94	61890	23.942	ug/L	100
8) Chloroethane	2.935	64	65573	25.166	ug/L	98
9) Trichlorofluoromethane	3.265	101	84506	23.563	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	84994	24.018	ug/L	96
12) 1,1-Dichloroethene	4.045	96	75874	23.494	ug/L	94
13) Acetone	4.118	43	43836	50.441	ug/L	99
14) Carbon disulfide	4.392	76	241857	22.120	ug/L	98
15) Methyl Acetate	4.667	43	48473	33.583	ug/L	100
16) Methylene chloride	4.917	84	119968	31.286	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	89635	25.457	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	146521	29.841	ug/L	97
19) 1,1-Dichloroethane	6.215	63	186481	26.938	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	101777	27.571	ug/L	94
22) 2-Butanone	7.172	43	64990	62.060	ug/L	99
23) Bromochloromethane	7.514	128	42898	26.622	ug/L	92
25) Chloroform	7.678	83	185776	27.630	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136221	30.233	ug/L	99
29) Cyclohexane	7.953	56	145269	25.024	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	143526	26.530	ug/L	98
31) Carbon tetrachloride	8.069	117	126252	25.621	ug/L	97
33) Benzene	8.325	78	393650	27.114	ug/L	100
34) Trichloroethene	9.093	95	100016	26.204	ug/L	95
35) Methylcyclohexane	9.331	83	160699	24.819	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108869	28.636	ug/L	100
38) Bromodichloromethane	9.642	83	131819	28.429	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	155737	28.187	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	137103	70.898	ug/L	99
42) Toluene	10.385	91	411494	27.745	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	131625	29.550	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	74396	28.974	ug/L	98
46) Tetrachloroethene	10.861	164	73141	25.222	ug/L	92
48) 2-Hexanone	10.964	43	96251	66.386	ug/L	98
49) Dibromochloromethane	11.123	129	77735	28.663	ug/L	99
50) 1,2-Dibromoethane	11.233	107	68772	29.340	ug/L	94
51) Chlorobenzene	11.653	112	250609	26.304	ug/L	99
52) Ethylbenzene	11.727	91	461232	27.371	ug/L	96
53) m,p-Xylene	11.836	106	170676	27.345	ug/L	99
54) o-Xylene	12.165	106	164318	28.432	ug/L	99
55) Styrene	12.178	104	284642	28.567	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	92710	31.984	ug/L	99
59) Bromoform	12.348	173	44786	28.500	ug/L	99
60) Isopropylbenzene	12.458	105	454648	26.288	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69017	29.940	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	336418	26.744	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	369664	27.807	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	197640	26.592	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	188203	24.245	ug/L	91
67) 1,2-Dichlorobenzene	13.866	146	169572	25.456	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.476	75	14998	30.526	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	124039	24.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	101401	24.517	ug/L	99
71) Naphthalene	15.360	128	214861	30.490	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	93048	26.332	ug/L	98

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

