

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041524\
 Data File : VW028441.D
 Acq On : 15 Apr 2024 14:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Apr 15 22:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 15 22:30:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	315538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	102537	20.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.080%
7) Chloroethane-d5	2.899	69	81779	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	4.021	65	44814	20.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.680%
21) 2-Butanone-d5	7.075	46	56573	59.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.520%
24) Chloroform-d	7.648	84	205446	24.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.307	65	115062	26.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.560%
32) Benzene-d6	8.276	84	385488	24.345	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.270	67	116995	24.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.440%
41) Toluene-d8	10.319	98	350903	24.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.575	79	48788	26.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.280%
47) 2-Hexanone-d5	10.922	63	39401	60.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95914	28.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	116055	25.939	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	102951	24.259	ug/L	97
3) Chloromethane	2.229	50	114010	22.881	ug/L	97
5) Vinyl chloride	2.375	62	135336	22.807	ug/L	99
6) Bromomethane	2.796	94	84272	22.731	ug/L	97
8) Chloroethane	2.936	64	82247	22.993	ug/L	99
9) Trichlorofluoromethane	3.271	101	104144	22.000	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105203	23.623	ug/L	96
12) 1,1-Dichloroethene	4.045	96	98730	23.611	ug/L	96
13) Acetone	4.125	43	49036	42.189	ug/L	94
14) Carbon disulfide	4.393	76	311803	22.648	ug/L	100
15) Methyl Acetate	4.667	43	51998	27.804	ug/L	100
16) Methylene chloride	4.923	84	110501	23.143	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	104523	23.729	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	168265	27.157	ug/L	99
19) 1,1-Dichloroethane	6.222	63	213464	24.873	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	118814	25.415	ug/L	95
22) 2-Butanone	7.173	43	67012	47.508	ug/L	99
23) Bromochloromethane	7.514	128	51775	25.712	ug/L	91
25) Chloroform	7.673	83	214780	25.477	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152549	26.217	ug/L	99
29) Cyclohexane	7.959	56	184009	24.034	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	170714	24.285	ug/L	99
31) Carbon tetrachloride	8.069	117	153043	24.551	ug/L	97
33) Benzene	8.325	78	451213	24.898	ug/L	100
34) Trichloroethene	9.093	95	120871	24.611	ug/L	97
35) Methylcyclohexane	9.337	83	198356	23.668	ug/L	100
37) 1,2-Dichloropropane	9.368	63	119390	25.276	ug/L	100
38) Bromodichloromethane	9.642	83	152082	25.976	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	181658	26.226	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	147714	62.471	ug/L	99
42) Toluene	10.386	91	481349	25.072	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	153100	27.322	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	83666	26.182	ug/L	96
46) Tetrachloroethene	10.861	164	86846	23.674	ug/L	96
48) 2-Hexanone	10.965	43	102592	54.661	ug/L	98
49) Dibromochloromethane	11.123	129	93675	27.426	ug/L	100
50) 1,2-Dibromoethane	11.233	107	79172	27.145	ug/L #	96
51) Chlorobenzene	11.654	112	298614	25.023	ug/L	97
52) Ethylbenzene	11.727	91	544267	25.008	ug/L	99
53) m,p-Xylene	11.837	106	202176	24.980	ug/L	90
54) o-Xylene	12.160	106	193308	25.652	ug/L	97
55) Styrene	12.178	104	332432	25.919	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	99722	27.575	ug/L	98
59) Bromoform	12.349	173	52678	28.209	ug/L	97
60) Isopropylbenzene	12.458	105	532790	25.121	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71797	27.758	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	357895	26.475	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	435338	26.760	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	227443	25.273	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	223273	24.390	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	207131	26.166	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	15961	26.930	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	148288	23.946	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	126149	26.086	ug/L	95
71) Naphthalene	15.360	128	256515	29.972	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104247	24.293	ug/L	95

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

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