

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040924\
 Data File : VW028373.D
 Acq On : 09 Apr 2024 19:02
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Apr 10 01:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 10 01:16:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	332958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	308120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	104382	19.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.240%		
7) Chloroethane-d5	2.899	69	83220	20.570	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.280%		
11) 1,1-Dichloroethene-d2	4.021	65	44926	19.875	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.480%		
21) 2-Butanone-d5	7.075	46	54885	54.948	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.900%		
24) Chloroform-d	7.648	84	190189	21.890	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.560%		
26) 1,2-Dichloroethane-d4	8.301	65	106330	23.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.200%		
32) Benzene-d6	8.270	84	367305	21.821	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.280%		
36) 1,2-Dichloropropane-d6	9.270	67	113270	22.639	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.560%		
41) Toluene-d8	10.319	98	344523	22.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.040%		
43) trans-1,3-Dichloroprop...	10.575	79	47213	23.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.920%		
47) 2-Hexanone-d5	10.922	63	38678	55.808	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.620%		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	91317	25.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.480%		
66) 1,2-Dichlorobenzene-d4	13.848	152	109754	22.583	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	80671	18.014	ug/L	89
3) Chloromethane	2.223	50	110927	21.098	ug/L	98
5) Vinyl chloride	2.375	62	125342	20.018	ug/L	98
6) Bromomethane	2.789	94	78868	20.160	ug/L	97
8) Chloroethane	2.936	64	76436	20.250	ug/L	94
9) Trichlorofluoromethane	3.271	101	99399	19.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94418	20.092	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	88168	19.982	ug/L	91
13) Acetone	4.119	43	53079	43.278	ug/L	95
14) Carbon disulfide	4.393	76	287268	19.775	ug/L	99
15) Methyl Acetate	4.673	43	47404	24.022	ug/L	98
16) Methylene chloride	4.917	84	104084	20.659	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	94596	20.352	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	149795	22.911	ug/L	98
19) 1,1-Dichloroethane	6.216	63	189404	20.915	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	103948	21.072	ug/L	94
22) 2-Butanone	7.173	43	66338	44.570	ug/L	100
23) Bromochloromethane	7.514	128	45002	21.179	ug/L	88
25) Chloroform	7.673	83	191204	21.494	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134813	21.957	ug/L	100
29) Cyclohexane	7.953	56	170929	21.002	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155062	20.750	ug/L	98
31) Carbon tetrachloride	8.069	117	138207	20.857	ug/L	97
33) Benzene	8.325	78	406163	21.083	ug/L	100
34) Trichloroethene	9.093	95	108127	20.711	ug/L	95
35) Methylcyclohexane	9.331	83	182800	20.519	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106755	21.261	ug/L	100
38) Bromodichloromethane	9.642	83	133615	21.469	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	163158	22.159	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	136483	54.299	ug/L	99
42) Toluene	10.386	91	429453	21.042	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138590	23.266	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	74679	21.984	ug/L	96
46) Tetrachloroethene	10.861	164	77367	19.839	ug/L	90
48) 2-Hexanone	10.965	43	100621	50.433	ug/L	100
49) Dibromochloromethane	11.123	129	81869	22.549	ug/L	95
50) 1,2-Dibromoethane	11.233	107	71332	23.007	ug/L	93
51) Chlorobenzene	11.654	112	263665	20.784	ug/L	98
52) Ethylbenzene	11.727	91	486947	21.048	ug/L	98
53) m,p-Xylene	11.837	106	183644	21.345	ug/L	94
54) o-Xylene	12.160	106	172083	21.481	ug/L	97
55) Styrene	12.178	104	301285	22.098	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91962	23.922	ug/L	98
59) Bromoform	12.343	173	45760	22.558	ug/L	100
60) Isopropylbenzene	12.458	105	484155	21.015	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67642	24.075	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319265	21.742	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	384952	21.783	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	211414	21.627	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	206550	20.771	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	190824	22.192	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	15467	24.024	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	139849	20.790	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	120334	22.907	ug/L	96
71) Naphthalene	15.360	128	229860	24.724	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	104078	22.327	ug/L	98

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

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