

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102824\
 Data File : VW030799.D
 Acq On : 28 Oct 2024 20:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050540

Quant Time: Oct 29 01:37:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 29 01:29:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	207887	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	205550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110096	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81944	25.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
7) Chloroethane-d5	2.899	69	75575	30.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	4.021	65	34421	25.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.320%
21) 2-Butanone-d5	7.081	46	38632	65.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.380%
24) Chloroform-d	7.648	84	182133	30.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.560%
26) 1,2-Dichloroethane-d4	8.301	65	97387	31.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.000%
32) Benzene-d6	8.276	84	334731	28.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.240%
36) 1,2-Dichloropropane-d6	9.270	67	101011	28.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.400%
41) Toluene-d8	10.319	98	310064	28.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.880%
43) trans-1,3-Dichloroprop...	10.575	79	41985	28.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.520%
47) 2-Hexanone-d5	10.922	63	32735	72.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82694	32.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	100077	26.865	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	49274	18.552	ug/L	96
3) Chloromethane	2.222	50	74542	24.147	ug/L	96
5) Vinyl chloride	2.375	62	90335	23.796	ug/L	98
6) Bromomethane	2.789	94	68864	27.560	ug/L	99
8) Chloroethane	2.936	64	64325	27.718	ug/L	99
9) Trichlorofluoromethane	3.271	101	81418	23.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	82370	26.953	ug/L	93
12) 1,1-Dichloroethene	4.045	96	68725	24.640	ug/L	89
13) Acetone	4.118	43	46290	53.767	ug/L	99
14) Carbon disulfide	4.393	76	180354	19.802	ug/L	97
15) Methyl Acetate	4.673	43	36332	34.163	ug/L	100
16) Methylene chloride	4.917	84	84115	26.764	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	79499	26.415	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	132541	31.466	ug/L	100
19) 1,1-Dichloroethane	6.216	63	167317	29.912	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	96077	29.929	ug/L	97
22) 2-Butanone	7.173	43	55807	60.136	ug/L	98
23) Bromochloromethane	7.514	128	42257	30.090	ug/L #	93
25) Chloroform	7.679	83	185945	31.107	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	121867	30.903	ug/L	98
29) Cyclohexane	7.959	56	115751	23.134	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	139692	25.601	ug/L	99
31) Carbon tetrachloride	8.069	117	121536	24.938	ug/L	100
33) Benzene	8.319	78	365113	27.296	ug/L	100
34) Trichloroethene	9.093	95	98891	26.574	ug/L	97
35) Methylcyclohexane	9.331	83	143208	24.453	ug/L	98
37) 1,2-Dichloropropane	9.367	63	98500	29.484	ug/L	99
38) Bromodichloromethane	9.642	83	131449	29.574	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146479	29.068	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	109451	68.196	ug/L	99
42) Toluene	10.386	91	409592	28.702	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	125540	29.647	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74644	30.915	ug/L	92
46) Tetrachloroethene	10.861	164	68297	24.883	ug/L	95
48) 2-Hexanone	10.965	43	81351	61.982	ug/L	98
49) Dibromochloromethane	11.123	129	82298	30.548	ug/L	96
50) 1,2-Dibromoethane	11.233	107	66630	29.574	ug/L	99
51) Chlorobenzene	11.654	112	256268	27.897	ug/L	96
52) Ethylbenzene	11.727	91	458102	28.133	ug/L	99
53) m,p-Xylene	11.837	106	171420	28.099	ug/L	95
54) o-Xylene	12.166	106	164659	29.195	ug/L	94
55) Styrene	12.178	104	293434	30.434	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	89807	32.983	ug/L	95
59) Bromoform	12.343	173	44639	28.859	ug/L	99
60) Isopropylbenzene	12.458	105	466015	27.333	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61828	28.860	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	369112	27.441	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	371014	28.171	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	205532	27.695	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	200249	26.132	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	180926	27.705	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14322	29.982	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	130365	26.638	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	103743	26.332	ug/L	95
71) Naphthalene	15.360	128	211940	31.137	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	101312	29.663	ug/L	98

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

