

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041224\
 Data File : VW028417.D
 Acq On : 12 Apr 2024 09:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Apr 12 23:05:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 00:55:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	311757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	142385	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111456	22.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.200%
7) Chloroethane-d5	2.899	69	88663	23.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	4.021	65	47263	22.331	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.320%
21) 2-Butanone-d5	7.081	46	53327	57.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
24) Chloroform-d	7.648	84	209397	25.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.301	65	114527	27.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.360%
32) Benzene-d6	8.270	84	396014	24.909	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.270	67	119922	25.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.520%
41) Toluene-d8	10.319	98	367130	25.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	10.575	79	49563	26.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.520%
47) 2-Hexanone-d5	10.922	63	37074	56.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95316	28.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	113689	25.248	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	94257	22.479	ug/L	98
3) Chloromethane	2.223	50	116200	23.604	ug/L	98
5) Vinyl chloride	2.375	62	137487	23.451	ug/L	99
6) Bromomethane	2.790	94	82324	22.475	ug/L	98
8) Chloroethane	2.936	64	83523	23.633	ug/L	97
9) Trichlorofluoromethane	3.271	101	107181	22.916	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	104178	23.676	ug/L	97
12) 1,1-Dichloroethene	4.045	96	98462	23.832	ug/L	96
13) Acetone	4.131	43	62134	54.107	ug/L	96
14) Carbon disulfide	4.393	76	316492	23.268	ug/L	100
15) Methyl Acetate	4.673	43	47818	25.879	ug/L	98
16) Methylene chloride	4.917	84	102958	21.825	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	104595	24.034	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	150446	24.575	ug/L	98
19) 1,1-Dichloroethane	6.216	63	206987	24.411	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110634	23.952	ug/L	92
22) 2-Butanone	7.173	43	72980	52.367	ug/L	97
23) Bromochloromethane	7.514	128	49957	25.110	ug/L	94
25) Chloroform	7.673	83	204255	24.522	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146215	25.433	ug/L	98
29) Cyclohexane	7.959	56	189834	24.695	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	168291	23.844	ug/L	99
31) Carbon tetrachloride	8.069	117	155359	24.822	ug/L	100
33) Benzene	8.325	78	444020	24.403	ug/L	100
34) Trichloroethene	9.093	95	117894	23.908	ug/L	99
35) Methylcyclohexane	9.337	83	208436	24.771	ug/L	100
37) 1,2-Dichloropropane	9.368	63	117359	24.747	ug/L	99
38) Bromodichloromethane	9.642	83	143947	24.488	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	174282	25.060	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	134462	56.638	ug/L	99
42) Toluene	10.386	91	476652	24.727	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145603	25.880	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	82007	25.560	ug/L	96
46) Tetrachloroethene	10.861	164	87830	23.846	ug/L	92
48) 2-Hexanone	10.965	43	102973	54.644	ug/L	99
49) Dibromochloromethane	11.123	129	87178	25.422	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74221	25.345	ug/L	95
51) Chlorobenzene	11.654	112	287309	23.979	ug/L	97
52) Ethylbenzene	11.727	91	544390	24.913	ug/L	98
53) m,p-Xylene	11.831	106	201735	24.826	ug/L	86
54) o-Xylene	12.166	106	188417	24.902	ug/L	96
55) Styrene	12.178	104	325641	25.288	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	96302	26.522	ug/L	99
59) Bromoform	12.349	173	47560	25.305	ug/L	99
60) Isopropylbenzene	12.459	105	536214	25.120	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70373	27.033	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	348088	25.585	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	410079	25.045	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	220598	24.356	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	217478	23.604	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	201708	25.318	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15031	25.198	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	145170	23.292	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	121876	25.040	ug/L	97
71) Naphthalene	15.360	128	224981	26.119	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	103917	24.061	ug/L	98

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

