

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122722\
 Data File : VW025207.D
 Acq On : 27 Dec 2022 09:22
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Dec 28 00:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	616238	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	535838	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	259553	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	161419	22.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.885	69	114049	24.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.440%
11) 1,1-Dichloroethene-d2	4.019	63	388726	24.978	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.920%
21) 2-Butanone-d5	7.080	46	104702	58.709	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.420%
24) Chloroform-d	7.647	84	376185	23.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.305	65	186717	23.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.275	84	791402	25.185	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	9.274	67	232236	25.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.600%
41) Toluene-d8	10.323	98	703524	24.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.573	79	94390	24.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.760%
47) 2-Hexanone-d5	10.920	63	86588	64.545	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.100%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	184514	27.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	216321	24.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	59987	16.062	ug/L	100
3) Chloromethane	2.215	50	154894	23.554	ug/L	100
5) Vinyl chloride	2.367	62	211050	25.655	ug/L	99
6) Bromomethane	2.782	94	100239	23.515	ug/L	99
8) Chloroethane	2.922	64	99878	26.249	ug/L	100
9) Trichlorofluoromethane	3.257	101	154217	25.015	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	201229	24.710	ug/L	98
12) 1,1-Dichloroethene	4.044	96	198136	25.520	ug/L	92
13) Acetone	4.135	43	112677	61.463	ug/L	100
14) Carbon disulfide	4.385	76	587663	23.710	ug/L	99
15) Methyl Acetate	4.678	43	87958	29.396	ug/L	99
16) Methylene chloride	4.915	84	215789	22.404	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	204941	24.900	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	314627	25.763	ug/L	99
19) 1,1-Dichloroethane	6.214	63	374326	25.170	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	219703	25.245	ug/L	94
22) 2-Butanone	7.177	43	135347	58.685	ug/L	97
23) Bromochloromethane	7.513	128	93539	25.399	ug/L	97
25) Chloroform	7.677	83	367188	24.398	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	225489	23.797	ug/L	98
29) Cyclohexane	7.958	56	365381	26.929	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	308727	24.408	ug/L	99
31) Carbon tetrachloride	8.067	117	275021	23.647	ug/L	98
33) Benzene	8.323	78	849849	25.603	ug/L	100
34) Trichloroethene	9.092	95	218372	25.115	ug/L	97
35) Methylcyclohexane	9.335	83	395102	25.619	ug/L	99
37) 1,2-Dichloropropane	9.366	63	211491	26.416	ug/L	99
38) Bromodichloromethane	9.646	83	261969	24.769	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	324444	26.522	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	252548	61.536	ug/L	100
42) Toluene	10.384	91	888621	25.551	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	275417	26.290	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	150403	26.325	ug/L	100
46) Tetrachloroethene	10.859	164	153536	24.257	ug/L	97
48) 2-Hexanone	10.969	43	194663	64.937	ug/L	98
49) Dibromochloromethane	11.128	129	171522	24.997	ug/L	91
50) 1,2-Dibromoethane	11.231	107	141671	26.633	ug/L	97
51) Chlorobenzene	11.658	112	550046	24.713	ug/L	98
52) Ethylbenzene	11.725	91	986119	25.020	ug/L	99
53) m,p-Xylene	11.835	106	383222	25.461	ug/L	96
54) o-Xylene	12.164	106	363700	25.354	ug/L	97
55) Styrene	12.176	104	612250	25.203	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	185210	27.719	ug/L #	96
59) Bromoform	12.347	173	93648	26.274	ug/L	99
60) Isopropylbenzene	12.463	105	996014	25.035	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	132821	26.623	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	860892	25.262	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	835947	25.250	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	398706	24.479	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	410673	25.037	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	367630	25.882	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	30486	26.209	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	269757	23.325	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	220033	23.712	ug/L	99
71) Naphthalene	15.359	128	490285	26.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	184146	22.644	ug/L	99

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

