

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
 Data File : VW024625.D
 Acq On : 22 Sep 2022 10:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Sep 23 00:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:52:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	381666	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	229763	27.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.640%	
7) Chloroethane-d5	2.873	69	185650	25.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.920%	
11) 1,1-Dichloroethene-d2	4.013	63	228562	24.360	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.440%	
21) 2-Butanone-d5	7.086	46	51317	44.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.580%	
24) Chloroform-d	7.647	84	262437	24.889	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.560%	
26) 1,2-Dichloroethane-d4	8.299	65	152734	26.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.080%	
32) Benzene-d6	8.275	84	534538	24.980	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.920%	
36) 1,2-Dichloropropane-d6	9.274	67	150040	24.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.760%	
41) Toluene-d8	10.323	98	542979	26.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.320%	
43) trans-1,3-Dichloroprop...	10.573	79	69033	25.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.720%	
47) 2-Hexanone-d5	10.921	63	46831	47.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.520%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	134328	25.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.360%	
66) 1,2-Dichlorobenzene-d4	13.847	152	189452	25.463	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	31956	18.967	ug/L	97
3) Chloromethane	2.209	50	181111	27.428	ug/L	98
5) Vinyl chloride	2.355	62	269883	28.996	ug/L	97
6) Bromomethane	2.776	94	234234	28.333	ug/L	97
8) Chloroethane	2.916	64	150708	26.212	ug/L	99
9) Trichlorofluoromethane	3.251	101	94843	26.049	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	122280	23.158	ug/L #	78
12) 1,1-Dichloroethene	4.032	96	111671	24.019	ug/L	85
13) Acetone	4.141	43	34600	39.916	ug/L	98
14) Carbon disulfide	4.379	76	361289	24.930	ug/L	96
15) Methyl Acetate	4.678	43	46872	23.198	ug/L	92
16) Methylene chloride	4.909	84	140591	22.409	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	137746	25.576	ug/L	99
18) Methyl tert-butyl Ether	5.422	73	215275	25.605	ug/L	98
19) 1,1-Dichloroethane	6.208	63	237269	26.713	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	145846	26.564	ug/L #	99
22) 2-Butanone	7.177	43	64897	49.618	ug/L	93
23) Bromochloromethane	7.513	128	64844	24.860	ug/L	95
25) Chloroform	7.671	83	262284	26.805	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	182947	28.185	ug/L	96
29) Cyclohexane	7.952	56	227887	26.717	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	219688	24.781	ug/L	98
31) Carbon tetrachloride	8.067	117	203648	24.143	ug/L	98
33) Benzene	8.317	78	614752	27.040	ug/L	100
34) Trichloroethene	9.092	95	159927	25.958	ug/L	97
35) Methylcyclohexane	9.335	83	283581	27.586	ug/L	100
37) 1,2-Dichloropropane	9.366	63	145897	27.322	ug/L	99
38) Bromodichloromethane	9.640	83	204344	26.896	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	230014	27.617	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	161050	52.512	ug/L	98
42) Toluene	10.384	91	730925	28.638	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	210573	28.465	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	117667	26.478	ug/L	95
46) Tetrachloroethene	10.860	164	132375	27.307	ug/L	97
48) 2-Hexanone	10.969	43	109301	51.940	ug/L	99
49) Dibromochloromethane	11.128	129	147701	27.497	ug/L	100
50) 1,2-Dibromoethane	11.231	107	114596	26.429	ug/L	98
51) Chlorobenzene	11.652	112	468849	27.855	ug/L	97
52) Ethylbenzene	11.725	91	789336	28.155	ug/L	98
53) m,p-Xylene	11.835	106	322718	28.987	ug/L	96
54) o-Xylene	12.164	106	309026	29.588	ug/L	97
55) Styrene	12.176	104	532180	29.624	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	142273	26.762	ug/L	97
59) Bromoform	12.347	173	81906	26.982	ug/L	100
60) Isopropylbenzene	12.463	105	829058	28.426	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100773	25.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	697621	29.442	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	700275	29.537	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	361914	27.516	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	371431	27.453	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	330243	27.192	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	20477	22.685	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.621	180	234136	27.080	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	182312	26.356	ug/L	95
71) Naphthalene	15.359	128	366413	26.494	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	164564	26.180	ug/L	99

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

