

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024685.D
 Acq On : 29 Sep 2022 18:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Sep 30 02:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 02:36:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	504828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	464587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143118	27.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
7) Chloroethane-d5	2.891	69	83164	27.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	4.025	63	319176	26.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.440%
21) 2-Butanone-d5	7.080	46	103917	54.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.440%
24) Chloroform-d	7.653	84	347139	25.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.305	65	179269	25.606	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.440%
32) Benzene-d6	8.275	84	708346	23.854	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	9.274	67	215934	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	10.323	98	629404	23.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	10.579	79	95056	23.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.920	63	80641	51.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168799	26.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.440%
66) 1,2-Dichlorobenzene-d4	13.847	152	194807	24.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	69179	22.320	ug/L	89
3) Chloromethane	2.215	50	134613	22.303	ug/L	96
5) Vinyl chloride	2.367	62	198165	31.932	ug/L	97
6) Bromomethane	2.782	94	88230	30.806	ug/L	97
8) Chloroethane	2.928	64	80049	30.597	ug/L	98
9) Trichlorofluoromethane	3.257	101	94720	27.283	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	197226	29.785	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	189741	28.731	ug/L	96
13) Acetone	4.129	43	77184	55.709	ug/L	95
14) Carbon disulfide	4.391	76	604691	29.004	ug/L	99
15) Methyl Acetate	4.672	43	91691	29.888	ug/L	98
16) Methylene chloride	4.915	84	250372	25.253	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	206637	27.848	ug/L	91
18) Methyl tert-butyl Ether	5.434	73	325314	27.650	ug/L	99
19) 1,1-Dichloroethane	6.214	63	382081	27.522	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	221572	27.830	ug/L	99
22) 2-Butanone	7.177	43	122889	55.453	ug/L	100
23) Bromochloromethane	7.513	128	91155	28.170	ug/L	94
25) Chloroform	7.677	83	365307	27.750	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	233576	28.198	ug/L	100
29) Cyclohexane	7.951	56	389684	26.930	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306206	27.238	ug/L	99
31) Carbon tetrachloride	8.073	117	265054	27.842	ug/L	100
33) Benzene	8.323	78	852631	26.221	ug/L	100
34) Trichloroethene	9.092	95	217251	26.360	ug/L	98
35) Methylcyclohexane	9.335	83	405715	26.854	ug/L	99
37) 1,2-Dichloropropane	9.366	63	213932	26.650	ug/L	100
38) Bromodichloromethane	9.646	83	264437	26.779	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	335215	26.406	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	263968	55.553	ug/L	99
42) Toluene	10.390	91	892341	26.574	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	283584	26.056	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	148594	27.100	ug/L	99
46) Tetrachloroethene	10.860	164	148483	26.516	ug/L	93
48) 2-Hexanone	10.969	43	178706	55.619	ug/L	99
49) Dibromochloromethane	11.128	129	168145	27.233	ug/L	100
50) 1,2-Dibromoethane	11.231	107	142115	27.382	ug/L	98
51) Chlorobenzene	11.652	112	553127	26.903	ug/L	98
52) Ethylbenzene	11.725	91	997661	26.973	ug/L	99
53) m,p-Xylene	11.835	106	382005	26.449	ug/L	97
54) o-Xylene	12.164	106	367971	26.979	ug/L	96
55) Styrene	12.176	104	620289	26.978	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181493	28.269	ug/L	98
59) Bromoform	12.347	173	84637	27.013	ug/L	99
60) Isopropylbenzene	12.463	105	967104	26.770	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	134013	28.068	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	856463	27.277	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	839720	27.299	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	402638	27.434	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	387835	27.146	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	350790	27.441	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	30955	27.416	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	260330	26.715	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	223748	27.331	ug/L	95
71) Naphthalene	15.359	128	490446	27.514	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	183763	26.374	ug/L	99

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

