

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023439.D
 Acq On : 10 Jun 2022 10:47
 Operator : SY/VA
 Sample : VSTD02522
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025422

Quant Time: Jun 10 11:41:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 11:40:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	339909	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	333182	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	131477	24.887	ug/L	0.00
7) Chloroethane-d5	2.885	69	98036	26.157	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	181501	23.546	ug/L	0.00
21) 2-Butanone-d5	7.074	46	50411m	49.522	ug/L	0.00
24) Chloroform-d	7.653	84	229394	25.162	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	124320	25.719	ug/L	0.00
32) Benzene-d6	8.275	84	435547	24.020	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	127011	24.890	ug/L	0.00
41) Toluene-d8	10.323	98	432183	24.988	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	56900	25.034	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	41119	52.796	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119456	26.575	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	155236	23.797	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	33835	29.159	ug/L	92
3) Chloromethane	2.215	50	104601	26.500	ug/L	96
5) Vinyl chloride	2.361	62	168095	27.416	ug/L	99
6) Bromomethane	2.782	94	88852	26.447	ug/L	88
8) Chloroethane	2.922	64	87218	28.556	ug/L	96
9) Trichlorofluoromethane	3.257	101	72681	23.825	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	107091	24.840	ug/L	95
12) 1,1-Dichloroethene	4.044	96	92346	24.164	ug/L	91
13) Acetone	4.123	43	32949	43.964	ug/L	97
14) Carbon disulfide	4.385	76	289005	23.792	ug/L	99
15) Methyl Acetate	4.672	43	40183	23.993	ug/L	96
16) Methylene chloride	4.916	84	107410	22.128	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	109230	24.060	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	167762	25.164	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	199301	25.698	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	120230	24.984	ug/L #	93
22) 2-Butanone	7.171	43	58064	52.020	ug/L	100
23) Bromochloromethane	7.513	128	54193	24.040	ug/L	92
25) Chloroform	7.677	83	222800	25.877	ug/L	99
27) 1,2-Dichloroethane	8.403	62	152564	27.765	ug/L	97
29) Cyclohexane	7.958	56	175437	25.198	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	192642	24.700	ug/L	97
31) Carbon tetrachloride	8.073	117	177250	24.779	ug/L	97
33) Benzene	8.323	78	487717	25.202	ug/L	100
34) Trichloroethene	9.092	95	127450	24.311	ug/L	95
35) Methylcyclohexane	9.335	83	219782	25.534	ug/L	96
37) 1,2-Dichloropropane	9.372	63	117945	25.790	ug/L	100
38) Bromodichloromethane	9.646	83	166269	25.932	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	185730	26.115	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	132287	52.742	ug/L	99
42) Toluene	10.390	91	560384	25.706	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	168028	26.856	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	95799	26.012	ug/L	98
46) Tetrachloroethene	10.866	164	97542	23.638	ug/L	83
48) 2-Hexanone	10.969	43	92997	57.200	ug/L	96
49) Dibromochloromethane	11.128	129	118108	26.426	ug/L	100
50) 1,2-Dibromoethane	11.238	107	90517	25.241	ug/L	99
51) Chlorobenzene	11.658	112	364854	25.540	ug/L	98
52) Ethylbenzene	11.731	91	636612	26.457	ug/L	100
53) m,p-Xylene	11.841	106	250330	26.868	ug/L	97
54) o-Xylene	12.164	106	243964	27.194	ug/L	98
55) Styrene	12.183	104	423059	27.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	120523	26.843	ug/L	94
59) Bromoform	12.347	173	61369	24.505	ug/L	98
60) Isopropylbenzene	12.463	105	674440	26.076	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85761	25.542	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	571961	26.592	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	563745	26.508	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	281348	24.105	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	292809	24.405	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	269191	25.157	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18180	25.531	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	193938	25.000	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148487	24.873	ug/L	96
71) Naphthalene	15.359	128	300715	26.776	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	128319	24.545	ug/L	96

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

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