

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023437.D
 Acq On : 10 Jun 2022 09:59
 Operator : SY/VA
 Sample : VSTD2.520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5420

Quant Time: Jun 10 11:40:49 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	8.841	114	312457	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	139160	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13575	2.795	ug/L	0.00
7) Chloroethane-d5	2.885	69	8454	2.454	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	18870	2.663	ug/L	-0.01
21) 2-Butanone-d5	7.092	46	5605	5.990	ug/L	0.02
24) Chloroform-d	7.646	84	23615	2.818	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12739	2.867	ug/L	0.00
32) Benzene-d6	8.274	84	42162	2.640	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	12000	2.670	ug/L	0.00
41) Toluene-d8	10.323	98	37062	2.433	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4841	2.418	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	2890	4.213	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	10626	2.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	12921	2.627	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	1870m	1.753	ug/L	
3) Chloromethane	2.214	50	9344	2.575	ug/L	96
5) Vinyl chloride	2.361	62	15039	2.668	ug/L	97
6) Bromomethane	2.775	94	7772	2.517	ug/L	97
8) Chloroethane	2.922	64	6921	2.465	ug/L	93
9) Trichlorofluoromethane	3.257	101	6909	2.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	9182	2.317	ug/L #	65
12) 1,1-Dichloroethene	4.037	96	8399	2.391	ug/L	88
13) Acetone	4.123	43	4232m	6.143	ug/L	
14) Carbon disulfide	4.385	76	26224	2.349	ug/L	99
15) Methyl Acetate	4.677	43	4587m	2.979	ug/L	
17) trans-1,2-Dichloroethene	5.427	96	10561	2.531	ug/L	85
18) Methyl tert-butyl Ether	5.421	73	14872	2.427	ug/L #	85
19) 1,1-Dichloroethane	6.214	63	19039	2.671	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	11557	2.613	ug/L #	79
22) 2-Butanone	7.183	43	5474	5.335	ug/L	84
23) Bromochloromethane	7.518	128	5303	2.559	ug/L #	84
25) Chloroform	7.677	83	21579	2.726	ug/L	95
27) 1,2-Dichloroethane	8.396	62	14004	2.772	ug/L	96
29) Cyclohexane	7.963	56	14334	2.337	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	18063	2.629	ug/L	95
31) Carbon tetrachloride	8.073	117	16582	2.632	ug/L	100
33) Benzene	8.323	78	44482	2.610	ug/L	100
34) Trichloroethene	9.091	95	12358	2.676	ug/L	96
35) Methylcyclohexane	9.335	83	17413	2.297	ug/L	95
37) 1,2-Dichloropropane	9.366	63	11024	2.737	ug/L #	94
38) Bromodichloromethane	9.646	83	14733	2.609	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	15078	2.407	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	10936	4.950	ug/L #	95
42) Toluene	10.384	91	44250	2.305	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	12457	2.260	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9124	2.813	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.865	164	9272	2.551	ug/L	81
48) 2-Hexanone	10.969	43	6446	4.501	ug/L	96
49) Dibromochloromethane	11.127	129	8997	2.285	ug/L	99
50) 1,2-Dibromoethane	11.237	107	7529	2.384	ug/L #	100
51) Chlorobenzene	11.658	112	32266	2.564	ug/L	93
52) Ethylbenzene	11.731	91	50313	2.374	ug/L	96
53) m,p-Xylene	11.835	106	19509	2.377	ug/L	80
54) o-Xylene	12.164	106	17164	2.172	ug/L	97
55) Styrene	12.182	104	28389	2.081	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.719	83	10083	2.550	ug/L #	97
59) Bromoform	12.347	173	4691	2.484	ug/L #	97
60) Isopropylbenzene	12.463	105	45684	2.342	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	6768	2.673	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	35375	2.181	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	35518	2.215	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	21691	2.465	ug/L	88
65) 1,4-Dichlorobenzene	13.578	146	23328	2.579	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	19388	2.403	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1502	2.797	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	14121	2.414	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	10084	2.240	ug/L	99
71) Naphthalene	15.365	128	16619	1.962	ug/L	97
72) 1,2,3-Trichlorobenzene	15.547	180	8604	2.183	ug/L	94

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

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