

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072522\
 Data File : VW024060.D
 Acq On : 25 Jul 2022 08:56
 Operator : SY/VA
 Sample : VSTD00557
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005457

Quant Time: Jul 26 00:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 26 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	211262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	212978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115608	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	20903	4.616	ug/L	0.00
7) Chloroethane-d5	2.873	69	14880	4.863	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	19405	4.867	ug/L	0.00
21) 2-Butanone-d5	7.086	46	7205	8.932	ug/L	0.01
24) Chloroform-d	7.647	84	29811	5.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	16671	4.996	ug/L	0.00
32) Benzene-d6	8.274	84	46801	4.730	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	16056	5.145	ug/L	0.00
41) Toluene-d8	10.323	98	45606	4.609	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	6455	4.665	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	5138	7.876	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18804	5.222	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19132	5.110	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	6958	4.394	ug/L	96
3) Chloromethane	2.209	50	20655	5.099	ug/L	95
5) Vinyl chloride	2.349	62	34601	5.480	ug/L	97
6) Bromomethane	2.763	94	20672	5.929	ug/L	96
8) Chloroethane	2.910	64	14384	5.179	ug/L	91
9) Trichlorofluoromethane	3.245	101	16673	5.673	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	15064	5.536	ug/L #	75
12) 1,1-Dichloroethene	4.031	96	10982	4.922	ug/L	92
13) Acetone	4.123	43	6509	11.487	ug/L	62
14) Carbon disulfide	4.373	76	33161	4.839	ug/L	97
15) Methyl Acetate	4.678	43	7385	5.361	ug/L	96
16) Methylene chloride	4.915	84	18446	5.734	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	13959	5.113	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	19642	4.854	ug/L #	69
19) 1,1-Dichloroethane	6.214	63	27386	5.311	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	14032	4.681	ug/L	99
22) 2-Butanone	7.183	43	8777	9.575	ug/L	98
23) Bromochloromethane	7.512	128	8262	5.356	ug/L	97
25) Chloroform	7.677	83	31879	5.343	ug/L	97
27) 1,2-Dichloroethane	8.396	62	22733	5.348	ug/L	98
29) Cyclohexane	7.951	56	17369	4.426	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	26523	5.571	ug/L	98
31) Carbon tetrachloride	8.067	117	23588	5.375	ug/L	99
33) Benzene	8.317	78	62660	5.093	ug/L	100
34) Trichloroethene	9.091	95	17122	5.255	ug/L	98
35) Methylcyclohexane	9.329	83	23251	4.696	ug/L	94
37) 1,2-Dichloropropane	9.366	63	16185	5.203	ug/L #	94
38) Bromodichloromethane	9.640	83	23044	5.196	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	20245	4.467	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	20185	9.326	ug/L	97
42) Toluene	10.384	91	68137	4.896	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	20232	4.714	ug/L	94

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45) 1,1,2-Trichloroethane	10.786	97	13690	5.038	ug/L	96
46) Tetrachloroethene	10.859	164	12748	4.999	ug/L	94
48) 2-Hexanone	10.963	43	14657	9.344	ug/L	99
49) Dibromochloromethane	11.128	129	15102	4.756	ug/L	99
50) 1,2-Dibromoethane	11.237	107	13239	4.976	ug/L #	94
51) Chlorobenzene	11.652	112	47160	5.035	ug/L	98
52) Ethylbenzene	11.725	91	71714	4.676	ug/L	95
53) m,p-Xylene	11.835	106	26988	4.534	ug/L	87
54) o-Xylene	12.164	106	24680	4.335	ug/L	91
55) Styrene	12.176	104	45982	4.509	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	19278	5.119	ug/L	95
59) Bromoform	12.341	173	8697	4.867	ug/L #	36
60) Isopropylbenzene	12.463	105	69339	4.735	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	13622	5.242	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	51210	4.347	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	52981	4.443	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	35093	5.011	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	39007	5.247	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	32620	4.979	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3018	5.198	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	21500	4.814	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	15369	4.542	ug/L	93
71) Naphthalene	15.365	128	28553	3.943	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	15092	4.741	ug/L	99

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

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