

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022108.D
 Acq On : 23 Feb 2022 14:24
 Operator : SY/VA
 Sample : VSTD05059
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050459

Quant Time: Feb 24 01:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	186162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	176014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	92106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	111725	46.013	ug/L	0.00
7) Chloroethane-d5	2.885	69	90108	47.165	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	181869	48.911	ug/L	0.00
21) 2-Butanone-d5	7.073	46	45224	107.500	ug/L	0.00
24) Chloroform-d	7.647	84	207420	49.938	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	106071	49.129	ug/L	0.00
32) Benzene-d6	8.274	84	403624	49.272	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	109538	48.150	ug/L	0.00
41) Toluene-d8	10.323	98	405157	49.749	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	53001	52.545	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	42485	113.548	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	100020	50.098	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	143112	48.375	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	28243	54.285	ug/L	95
3) Chloromethane	2.215	50	72753	40.808	ug/L	96
5) Vinyl chloride	2.361	62	114679	42.811	ug/L	98
6) Bromomethane	2.775	94	79478	42.483	ug/L	95
8) Chloroethane	2.916	64	70481	46.837	ug/L	95
9) Trichlorofluoromethane	3.257	101	86748	47.698	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101434	45.714	ug/L	98
12) 1,1-Dichloroethene	4.037	96	91143	47.395	ug/L	88
13) Acetone	4.117	43	32130	98.407	ug/L	98
14) Carbon disulfide	4.379	76	235117	47.158	ug/L	96
15) Methyl Acetate	4.665	43	37586	50.283	ug/L	98
16) Methylene chloride	4.915	84	97521	42.678	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	103037	48.782	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	150940	52.523	ug/L	99
19) 1,1-Dichloroethane	6.214	63	169554	49.584	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	114056	49.848	ug/L	93
22) 2-Butanone	7.165	43	51468	106.420	ug/L	96
23) Bromochloromethane	7.518	128	55788	49.912	ug/L	95
25) Chloroform	7.677	83	193821	48.578	ug/L	99
27) 1,2-Dichloroethane	8.396	62	120402	48.994	ug/L	98
29) Cyclohexane	7.957	56	145216	49.575	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	169389	47.834	ug/L	100
31) Carbon tetrachloride	8.067	117	165339	49.127	ug/L	99
33) Benzene	8.323	78	405799	47.686	ug/L	100
34) Trichloroethene	9.091	95	116218	47.697	ug/L	98
35) Methylcyclohexane	9.335	83	184812	49.038	ug/L	99
37) 1,2-Dichloropropane	9.366	63	95102	47.903	ug/L	99
38) Bromodichloromethane	9.646	83	141491	49.698	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	164261	54.432	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	115937	108.138	ug/L	99
42) Toluene	10.384	91	482345	50.080	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	147222	54.289	ug/L	100

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45) 1,1,2-Trichloroethane	10.786	97	85267	48.435	ug/L	96
46) Tetrachloroethene	10.859	164	102126	47.846	ug/L	92
48) 2-Hexanone	10.963	43	83130	111.717	ug/L	98
49) Dibromochloromethane	11.128	129	115414	53.973	ug/L	99
50) 1,2-Dibromoethane	11.231	107	86695	51.056	ug/L	98
51) Chlorobenzene	11.658	112	326116	48.652	ug/L	99
52) Ethylbenzene	11.731	91	522198	48.989	ug/L	98
53) m,p-Xylene	11.835	106	220837	50.349	ug/L	96
54) o-Xylene	12.164	106	215280	52.164	ug/L	93
55) Styrene	12.176	104	363969	52.607	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	101065	49.479	ug/L	95
59) Bromoform	12.353	173	69187	56.803	ug/L #	98
60) Isopropylbenzene	12.463	105	584887	52.899	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	74288	51.102	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	404653	55.038	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	483511	53.811	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	273150	49.801	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	270879	49.283	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	244754	50.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15512	50.460	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	191177	48.562	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	152515	51.202	ug/L	97
71) Naphthalene	15.359	128	293052	55.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131314	50.968	ug/L	97

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

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