

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020657.D
 Acq On : 21 Oct 2021 08:38
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025403

Quant Time: Oct 21 09:16:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	191744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	184099	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	72021	25.351	ug/L	0.00
7) Chloroethane-d5	2.879	69	30639	21.197	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	134098	23.540	ug/L	0.00
21) 2-Butanone-d5	7.080	46	42241	50.082	ug/L	0.00
24) Chloroform-d	7.647	84	140563	23.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	82533	23.732	ug/L	0.00
32) Benzene-d6	8.274	84	270989	22.658	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	85998	22.079	ug/L	0.00
41) Toluene-d8	10.323	98	250754	23.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	36474	22.996	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	31832	52.417	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68863	23.352	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	80995	21.912	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	33827	26.639	ug/L	100
3) Chloromethane	2.215	50	63625	24.526	ug/L	100
5) Vinyl chloride	2.355	62	85810	23.906	ug/L	100
6) Bromomethane	2.769	94	33755	21.910	ug/L	100
8) Chloroethane	2.916	64	27139	20.857	ug/L	100
9) Trichlorofluoromethane	3.251	101	31513	16.507	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	70432	24.161	ug/L	100
12) 1,1-Dichloroethene	4.037	96	64305	24.147	ug/L	100
13) Acetone	4.123	43	43260	55.605	ug/L	100
14) Carbon disulfide	4.379	76	212340	24.347	ug/L	100
15) Methyl Acetate	4.671	43	37837	26.258	ug/L	100
16) Methylene chloride	4.915	84	74035	20.135	ug/L	100
17) trans-1,2-Dichloroethene	5.421	96	68746	24.525	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	101456	25.674	ug/L	100
19) 1,1-Dichloroethane	6.214	63	139455	24.274	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	71603	24.646	ug/L	100
22) 2-Butanone	7.171	43	53769	55.596	ug/L	100
23) Bromochloromethane	7.512	128	31207	24.416	ug/L	100
25) Chloroform	7.677	83	136268	24.317	ug/L	100
27) 1,2-Dichloroethane	8.402	62	97631	25.436	ug/L	100
29) Cyclohexane	7.951	56	136665	25.656	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	108811	23.981	ug/L	100
31) Carbon tetrachloride	8.067	117	95828	24.025	ug/L	100
33) Benzene	8.323	78	312393	24.017	ug/L	100
34) Trichloroethene	9.091	95	75166	23.566	ug/L	100
35) Methylcyclohexane	9.335	83	135528	24.786	ug/L	100
37) 1,2-Dichloropropane	9.366	63	80323	23.895	ug/L	100
38) Bromodichloromethane	9.646	83	97250	24.024	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	114873	24.795	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	111019	54.740	ug/L	100
42) Toluene	10.384	91	323398	24.813	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	102834	25.217	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	53842	24.904	ug/L	100
46) Tetrachloroethene	10.859	164	56419	24.477	ug/L	100
48) 2-Hexanone	10.969	43	84689	57.134	ug/L	100
49) Dibromochloromethane	11.128	129	58918	24.817	ug/L	100
50) 1,2-Dibromoethane	11.237	107	50151	25.255	ug/L	100
51) Chlorobenzene	11.658	112	193048	24.020	ug/L	100
52) Ethylbenzene	11.731	91	352464	24.967	ug/L	100
53) m,p-Xylene	11.841	106	131532	25.065	ug/L	100
54) o-Xylene	12.164	106	122991	25.435	ug/L	100
55) Styrene	12.182	104	220776	25.944	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	68282	25.428	ug/L	100
59) Bromoform	12.347	173	33019	24.772	ug/L	100
60) Isopropylbenzene	12.463	105	337779	24.486	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	51750	24.815	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	286701	25.360	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	287964	25.692	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	140661	23.430	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	143240	23.082	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	130962	23.774	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	11874	26.441	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	100785	23.547	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	78022	23.242	ug/L	100
71) Naphthalene	15.365	128	164737	26.793	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	73289	24.525	ug/L	100

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

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