

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022009.D
 Acq On : 01 Feb 2022 15:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Feb 02 00:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	159450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	48820	25.419	ug/L	0.00
7) Chloroethane-d5	2.885	69	37108	25.096	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	84897	25.018	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17051	50.560	ug/L	0.00
24) Chloroform-d	7.647	84	91116	24.561	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	44296	24.000	ug/L	0.00
32) Benzene-d6	8.275	84	179671	25.285	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	48174	24.924	ug/L	0.00
41) Toluene-d8	10.323	98	181677	25.797	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	21519	25.421	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	15741	56.016	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	39810	25.253	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	67640	24.181	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8737	23.147	ug/L	100
3) Chloromethane	2.215	50	40553	24.201	ug/L	100
5) Vinyl chloride	2.361	62	57308	23.811	ug/L	100
6) Bromomethane	2.782	94	43894	21.448	ug/L	100
8) Chloroethane	2.922	64	30055	24.302	ug/L	100
9) Trichlorofluoromethane	3.263	101	43592	23.992	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46165	23.981	ug/L	100
12) 1,1-Dichloroethene	4.038	96	43930	24.728	ug/L	100
13) Acetone	4.141	43	18649	58.369	ug/L	99
14) Carbon disulfide	4.385	76	129542	24.999	ug/L	100
15) Methyl Acetate	4.672	43	14471	24.873	ug/L	100
16) Methylene chloride	4.916	84	42864	23.070	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	49386	24.930	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	63459	24.982	ug/L	100
19) 1,1-Dichloroethane	6.214	63	76597	24.955	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	50171	24.679	ug/L	100
22) 2-Butanone	7.171	43	22756	55.308	ug/L	100
23) Bromochloromethane	7.513	128	24061	24.036	ug/L	100
25) Chloroform	7.677	83	85702	24.668	ug/L	100
27) 1,2-Dichloroethane	8.397	62	50253	24.530	ug/L	100
29) Cyclohexane	7.958	56	71636	25.952	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	78046	25.080	ug/L	100
31) Carbon tetrachloride	8.067	117	77572	25.467	ug/L	100
33) Benzene	8.324	78	183297	24.862	ug/L	100
34) Trichloroethene	9.092	95	53059	25.313	ug/L	100
35) Methylcyclohexane	9.336	83	90304	25.536	ug/L	100
37) 1,2-Dichloropropane	9.366	63	40789	25.190	ug/L	100
38) Bromodichloromethane	9.646	83	58226	25.179	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	67823	26.115	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	42275	53.212	ug/L	100
42) Toluene	10.384	91	213849	25.589	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	59463	26.559	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	34590	25.133	ug/L	100
46) Tetrachloroethene	10.860	164	49102	25.131	ug/L	100
48) 2-Hexanone	10.963	43	34218	57.888	ug/L	100
49) Dibromochloromethane	11.128	129	44468	25.658	ug/L	100
50) 1,2-Dibromoethane	11.232	107	35893	26.341	ug/L	100
51) Chlorobenzene	11.652	112	143467	25.224	ug/L	100
52) Ethylbenzene	11.725	91	235806	25.573	ug/L	100
53) m,p-Xylene	11.835	106	97045	25.367	ug/L	100
54) o-Xylene	12.164	106	91479	25.562	ug/L	100
55) Styrene	12.176	104	149996	25.948	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	39268	26.212	ug/L	100
59) Bromoform	12.347	173	24234	23.664	ug/L	100
60) Isopropylbenzene	12.463	105	252938	24.968	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	27603	24.436	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	172709	25.705	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	211045	25.782	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	117538	24.216	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	116015	23.879	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	103812	24.065	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	5788	25.185	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	84588	24.240	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	67201	24.244	ug/L	100
71) Naphthalene	15.365	128	117457	25.972	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	56873	24.005	ug/L	100

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

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