

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024980.D
 Acq On : 26 Oct 2022 11:17
 Operator : SY/VA
 Sample : VSTD02563
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025463

Quant Time: Oct 27 04:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	321496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	298703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	150800	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	92648	25.675	ug/L	0.00
7) Chloroethane-d5	2.891	69	54649	25.852	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	230830	25.688	ug/L	0.00
21) 2-Butanone-d5	7.079	46	62788	51.560	ug/L	0.00
24) Chloroform-d	7.653	84	258498	26.494	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	142608	26.111	ug/L	0.00
32) Benzene-d6	8.274	84	499358	26.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	144702	25.794	ug/L	0.00
41) Toluene-d8	10.323	98	469187	26.323	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	64724	26.020	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	52729	54.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115964	25.889	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	152058	26.239	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	24267	21.996	ug/L	100
3) Chloromethane	2.221	50	58624	22.730	ug/L	100
5) Vinyl chloride	2.367	62	85790	24.073	ug/L	100
6) Bromomethane	2.781	94	41656	23.423	ug/L	100
8) Chloroethane	2.928	64	35383	23.802	ug/L	100
9) Trichlorofluoromethane	3.263	101	71630	23.960	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103069	24.346	ug/L	100
12) 1,1-Dichloroethene	4.043	96	97442	24.434	ug/L	100
13) Acetone	4.123	43	36969	42.787	ug/L	100
14) Carbon disulfide	4.391	76	288708	24.782	ug/L	100
15) Methyl Acetate	4.671	43	41347	23.879	ug/L	100
16) Methylene chloride	4.921	84	107722	18.871	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	104837	24.550	ug/L	100
18) Methyl tert-butyl Ether	5.433	73	178470	24.914	ug/L	100
19) 1,1-Dichloroethane	6.214	63	192663	24.369	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	114044	24.502	ug/L	100
22) 2-Butanone	7.171	43	58865	45.411	ug/L	100
23) Bromochloromethane	7.518	128	48568	24.070	ug/L	100
25) Chloroform	7.677	83	205118	24.583	ug/L	100
27) 1,2-Dichloroethane	8.402	62	139168	24.589	ug/L	100
29) Cyclohexane	7.957	56	176131	24.972	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	174849	23.920	ug/L	100
31) Carbon tetrachloride	8.067	117	160044	24.502	ug/L	100
33) Benzene	8.323	78	436307	24.256	ug/L	100
34) Trichloroethene	9.091	95	117298	24.633	ug/L	100
35) Methylcyclohexane	9.335	83	200065	24.727	ug/L	100
37) 1,2-Dichloropropane	9.366	63	106953	24.498	ug/L	100
38) Bromodichloromethane	9.646	83	150997	24.781	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	173666	25.162	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	128032	49.974	ug/L	100
42) Toluene	10.384	91	474650	24.855	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	150894	24.592	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	80783	24.507	ug/L	100
46) Tetrachloroethene	10.865	164	82572	24.247	ug/L	100
48) 2-Hexanone	10.969	43	88564	49.985	ug/L	100
49) Dibromochloromethane	11.128	129	97536	24.274	ug/L	100
50) 1,2-Dibromoethane	11.237	107	76254	24.460	ug/L	100
51) Chlorobenzene	11.658	112	294712	23.809	ug/L	100
52) Ethylbenzene	11.731	91	534496	24.247	ug/L	100
53) m,p-Xylene	11.835	106	207385	24.304	ug/L	100
54) o-Xylene	12.164	106	195044	24.229	ug/L	100
55) Styrene	12.182	104	349589	25.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	96698	24.453	ug/L	100
59) Bromoform	12.347	173	53414	25.043	ug/L	100
60) Isopropylbenzene	12.463	105	552082	24.351	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	73521	24.267	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	478343	24.305	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	475931	24.661	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	221553	23.430	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	227989	24.164	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	208309	24.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	17516	25.018	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	152495	24.348	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	123306	25.330	ug/L	100
71) Naphthalene	15.358	128	262860	25.597	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	105787	24.941	ug/L	100

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

