

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
 Data File : VW024553.D
 Acq On : 06 Sep 2022 11:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Sep 07 04:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 07 04:52:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	371672	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368971	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	197215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	198207	25.830	ug/L	0.00
7) Chloroethane-d5	2.873	69	150214	26.327	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	204740	25.289	ug/L	0.00
21) 2-Butanone-d5	7.080	46	59218	47.838	ug/L	0.00
24) Chloroform-d	7.647	84	237386	25.078	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.299	65	130616	24.473	ug/L	0.00
32) Benzene-d6	8.268	84	464743	25.606	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	129658	24.230	ug/L	0.00
41) Toluene-d8	10.323	98	457945	25.882	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	60056	25.043	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	53346	54.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127781	24.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	162090	25.949	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	41050	23.061	ug/L	95
3) Chloromethane	2.215	50	117882	21.294	ug/L	99
5) Vinyl chloride	2.355	62	196745	21.080	ug/L	99
6) Bromomethane	2.763	94	125358	20.604	ug/L	89
8) Chloroethane	2.910	64	110384	21.740	ug/L	99
9) Trichlorofluoromethane	3.245	101	122201	22.647	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	109578	22.042	ug/L #	89
12) 1,1-Dichloroethene	4.031	96	93037	21.895	ug/L	98
13) Acetone	4.117	43	40407	38.364	ug/L	99
14) Carbon disulfide	4.373	76	245387	21.826	ug/L	100
15) Methyl Acetate	4.665	43	47933	21.532	ug/L	98
16) Methylene chloride	4.909	84	107537	19.390	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	105264	21.626	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	193221	22.290	ug/L	98
19) 1,1-Dichloroethane	6.208	63	194462	21.959	ug/L	99
22) 2-Butanone	7.171	43	64008	37.571	ug/L	98
23) Bromochloromethane	7.512	128	52828	21.128	ug/L	97
25) Chloroform	7.677	83	213397	21.692	ug/L	96
27) 1,2-Dichloroethane	8.396	62	143590	21.715	ug/L	99
29) Cyclohexane	7.951	56	159190	22.286	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	178115	22.012	ug/L	99
31) Carbon tetrachloride	8.061	117	163301	22.096	ug/L	97
33) Benzene	8.323	78	454676	21.711	ug/L	100
34) Trichloroethene	9.085	95	116676	21.332	ug/L	94
35) Methylcyclohexane	9.335	83	194933	22.277	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111688	21.354	ug/L	100
38) Bromodichloromethane	9.646	83	160001	21.645	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	176898	23.132	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	155226	44.991	ug/L	99
42) Toluene	10.384	91	512008	22.177	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	163392	22.620	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94832	21.695	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	92954	23.065	ug/L	93
48) 2-Hexanone	10.963	43	109747	46.385	ug/L	98
49) Dibromochloromethane	11.122	129	117016	22.899	ug/L	95
50) 1,2-Dibromoethane	11.231	107	92078	21.704	ug/L	100
51) Chlorobenzene	11.652	112	347135	21.764	ug/L	95
52) Ethylbenzene	11.725	91	593977	22.660	ug/L	94
53) m,p-Xylene	11.835	106	235154	22.962	ug/L	91
54) o-Xylene	12.164	106	226984	23.279	ug/L	97
55) Styrene	12.176	104	399496	23.277	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	123029	22.232	ug/L	97
59) Bromoform	12.347	173	63829	22.266	ug/L	96
60) Isopropylbenzene	12.463	105	609947	22.843	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87811	21.522	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	522367	23.558	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	518581	23.499	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	278521	23.150	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	285913	22.546	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	259817	23.157	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19432	20.129	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	183941	23.538	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	144559	23.312	ug/L	98
71) Naphthalene	15.359	128	321225	23.415	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	129964	22.528	ug/L	97

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

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