

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024982.D
 Acq On : 26 Oct 2022 12:05
 Operator : SY/VA
 Sample : VSTD10065
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100465

Quant Time: Oct 27 04:16:51 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	8.848	114	336402	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319012	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	366875	97.163	ug/L	0.00
7) Chloroethane-d5	2.885	69	225172	101.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	871568	92.696	ug/L	0.00
21) 2-Butanone-d5	7.080	46	228201	179.090	ug/L	0.00
24) Chloroform-d	7.653	84	937886	91.867	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	515009	90.119	ug/L	0.00
32) Benzene-d6	8.275	84	1843479	90.157	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	537528	89.719	ug/L	0.00
41) Toluene-d8	10.323	98	1711255	89.894	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	255687	96.245	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	197097	190.443	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	428149	89.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	553488	85.811	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	144326m	125.024	ug/L	
3) Chloromethane	2.221	50	274462	101.700	ug/L	97
5) Vinyl chloride	2.367	62	361429	96.926	ug/L	97
6) Bromomethane	2.782	94	172597	92.751	ug/L	98
8) Chloroethane	2.922	64	154592	99.385	ug/L	98
9) Trichlorofluoromethane	3.257	101	286008	91.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	417942	94.350	ug/L	95
12) 1,1-Dichloroethene	4.044	96	389249	93.279	ug/L	97
13) Acetone	4.123	43	137573	152.169	ug/L	98
14) Carbon disulfide	4.385	76	1156225	94.851	ug/L	99
15) Methyl Acetate	4.665	43	165172	91.163	ug/L	98
16) Methylene chloride	4.915	84	399622	66.906	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	411409	92.072	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	686230	91.553	ug/L	99
19) 1,1-Dichloroethane	6.214	63	757916	91.617	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	454216	93.265	ug/L	98
22) 2-Butanone	7.171	43	218536	161.118	ug/L	99
23) Bromochloromethane	7.519	128	190603	90.277	ug/L	97
25) Chloroform	7.677	83	797019	91.287	ug/L	97
27) 1,2-Dichloroethane	8.403	62	533075	90.013	ug/L	100
29) Cyclohexane	7.958	56	694887	92.250	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	692193	88.666	ug/L	99
31) Carbon tetrachloride	8.073	117	635161	91.050	ug/L	98
33) Benzene	8.329	78	1677969	87.345	ug/L	100
34) Trichloroethene	9.091	95	450651	88.615	ug/L	96
35) Methylcyclohexane	9.335	83	790988	91.538	ug/L	100
37) 1,2-Dichloropropane	9.366	63	415504	89.113	ug/L	99
38) Bromodichloromethane	9.646	83	591164	90.844	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	713785	96.836	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	500025	182.747	ug/L	99
42) Toluene	10.390	91	1828420	89.650	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	636821	97.180	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	316591	89.929	ug/L	99
46) Tetrachloroethene	10.859	164	310320	85.325	ug/L	93
48) 2-Hexanone	10.969	43	348633	184.240	ug/L	98
49) Dibromochloromethane	11.128	129	403465	94.019	ug/L	97
50) 1,2-Dibromoethane	11.237	107	305300	91.695	ug/L	98
51) Chlorobenzene	11.658	112	1192450	90.200	ug/L	99
52) Ethylbenzene	11.731	91	2165340	91.977	ug/L	95
53) m,p-Xylene	11.835	106	836460	91.788	ug/L	96
54) o-Xylene	12.164	106	795289	92.505	ug/L	99
55) Styrene	12.182	104	1392127	93.230	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	383012	90.691	ug/L	97
59) Bromoform	12.347	173	211974	89.293	ug/L	97
60) Isopropylbenzene	12.463	105	2226546	88.236	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	283117	83.961	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1935651	88.366	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1926659	89.696	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	916748	87.107	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	902257	85.917	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	787623	83.233	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	70191	90.075	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	599129	85.949	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	501110	92.489	ug/L	98
71) Naphthalene	15.359	128	1128326	98.721	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	441106	93.438	ug/L	99

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

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