

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023540.D
 Acq On : 30 Jun 2022 11:17
 Operator : SY/VA
 Sample : VSTD10038
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100438

Quant Time: Jul 01 05:31:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	407644	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	400347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	213749	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	674421	115.834	ug/L	0.00
7) Chloroethane-d5	2.879	69	452825	113.004	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	779922	108.103	ug/L	0.00
21) 2-Butanone-d5	7.074	46	307023	202.821	ug/L	0.00
24) Chloroform-d	7.647	84	1113079	100.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	606456	98.689	ug/L	0.00
32) Benzene-d6	8.275	84	2169566	100.232	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	623926	97.495	ug/L	0.00
41) Toluene-d8	10.323	98	2198442	104.428	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	310429	109.498	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	280902	231.399	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	623015	101.395	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	813774	104.388	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	231049	137.260	ug/L	99
3) Chloromethane	2.215	50	572363	117.383	ug/L	100
5) Vinyl chloride	2.355	62	771903	117.542	ug/L	97
6) Bromomethane	2.763	94	463390	106.980	ug/L	99
8) Chloroethane	2.910	64	340460	110.869	ug/L	96
9) Trichlorofluoromethane	3.239	101	239029	78.571	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	508944	103.351	ug/L	98
12) 1,1-Dichloroethene	4.038	96	463288	112.853	ug/L	91
13) Acetone	4.123	43	164821	170.997	ug/L	96
14) Carbon disulfide	4.385	76	1353157	122.463	ug/L	97
15) Methyl Acetate	4.665	43	228654	96.517	ug/L	99
16) Methylene chloride	4.915	84	488374	83.985	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	544766	105.372	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	804678	106.132	ug/L	99
19) 1,1-Dichloroethane	6.214	63	910677	99.878	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	598661m	106.244	ug/L	
22) 2-Butanone	7.171	43	317175	192.870	ug/L	100
23) Bromochloromethane	7.513	128	286369	102.693	ug/L	95
25) Chloroform	7.671	83	1011884	99.419	ug/L	96
27) 1,2-Dichloroethane	8.396	62	668231	99.254	ug/L	99
29) Cyclohexane	7.958	56	822026	108.654	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	830369	95.630	ug/L	97
31) Carbon tetrachloride	8.067	117	773813	98.582	ug/L	99
33) Benzene	8.323	78	2191823	97.314	ug/L	100
34) Trichloroethene	9.091	95	590432	97.842	ug/L	98
35) Methylcyclohexane	9.335	83	1015119	106.907	ug/L	98
37) 1,2-Dichloropropane	9.366	63	531372	97.536	ug/L	99
38) Bromodichloromethane	9.646	83	781188	100.155	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	927569	109.952	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	758154	212.335	ug/L	98
42) Toluene	10.390	91	2576571	103.426	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	841057	107.867	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	466914	100.796	ug/L	96
46) Tetrachloroethene	10.859	164	506404	104.342	ug/L	92
48) 2-Hexanone	10.969	43	535049	218.171	ug/L	97
49) Dibromochloromethane	11.128	129	609153	107.618	ug/L	98
50) 1,2-Dibromoethane	11.231	107	472205	102.303	ug/L	99
51) Chlorobenzene	11.658	112	1738651	101.992	ug/L	96
52) Ethylbenzene	11.731	91	2888088	103.937	ug/L	100
53) m,p-Xylene	11.835	106	1169064	107.010	ug/L	94
54) o-Xylene	12.164	106	1148017	111.255	ug/L	98
55) Styrene	12.176	104	1996144	110.685	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	586757	98.489	ug/L	98
59) Bromoform	12.347	173	375777	118.489	ug/L	97
60) Isopropylbenzene	12.463	105	3026815	107.343	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	408898	94.968	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	2584906	110.337	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2577487	109.634	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1397319	103.106	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	1420604	103.359	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	1267481	103.204	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	97544	99.064	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	907638	100.308	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	759876	104.063	ug/L	100
71) Naphthalene	15.365	128	1694020	111.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	699648	104.980	ug/L	98

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

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