

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022364.D
 Acq On : 01 Apr 2022 13:02
 Operator : SY/VA
 Sample : VSTD10066
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100466

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/05/2022

Quant Time: Apr 01 13:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 01 13:26:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325895	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	313000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167920	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	480842	107.776	ug/L	0.00
7) Chloroethane-d5	2.885	69	324200	95.513	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	743708	108.531	ug/L	0.00
21) 2-Butanone-d5	7.073	46	245169	300.535	ug/L	0.00
24) Chloroform-d	7.646	84	867876	111.704	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	506292	120.754	ug/L	0.00
32) Benzene-d6	8.274	84	1636765	107.104	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	499919	116.332	ug/L	0.00
41) Toluene-d8	10.323	98	1621463	107.650	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	265451	134.343	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	207459	282.115	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	429822	115.651	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	522257	94.969	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	240521	221.372	ug/L	93
3) Chloromethane	2.220	50	465130	140.822	ug/L	97
5) Vinyl chloride	2.361	62	640115	123.532	ug/L	100
6) Bromomethane	2.769	94	376774	110.396	ug/L	95
8) Chloroethane	2.922	64	304669	111.198	ug/L	97
9) Trichlorofluoromethane	3.251	101	187153	62.509	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	449276	110.998	ug/L	94
12) 1,1-Dichloroethene	4.037	96	421501	118.177	ug/L	73
13) Acetone	4.123	43	159406	249.160	ug/L	92
14) Carbon disulfide	4.391	76	1335380	136.221	ug/L	98
15) Methyl Acetate	4.671	43	222988m	145.014	ug/L	
16) Methylene chloride	4.915	84	431047	101.770	ug/L	81
17) trans-1,2-Dichloroethene	5.421	96	477929	119.344	ug/L	85
18) Methyl tert-butyl Ether	5.427	73	801994	139.646	ug/L	# 94
19) 1,1-Dichloroethane	6.214	63	876332	130.934	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	516156	119.728	ug/L	# 75
22) 2-Butanone	7.171	43	276813	289.778	ug/L	89
23) Bromochloromethane	7.512	128	226958	111.033	ug/L	# 72
25) Chloroform	7.677	83	913603	121.090	ug/L	100
27) 1,2-Dichloroethane	8.402	62	671577	135.479	ug/L	96
29) Cyclohexane	7.957	56	853440	144.302	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	769895	116.249	ug/L	95
31) Carbon tetrachloride	8.067	117	711037	114.057	ug/L	98
33) Benzene	8.323	78	1992682	121.512	ug/L	100
34) Trichloroethene	9.091	95	530973	115.349	ug/L	94
35) Methylcyclohexane	9.335	83	921922	126.561	ug/L	90
37) 1,2-Dichloropropane	9.366	63	497255	128.598	ug/L	97
38) Bromodichloromethane	9.646	83	720698	130.906	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	842082	141.509	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	697771	316.472	ug/L	# 92
42) Toluene	10.384	91	2264704	122.452	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	788293	145.203	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	386978	118.307	ug/L	95
46) Tetrachloroethene	10.859	164	372676	96.711	ug/L	83
48) 2-Hexanone	10.963	43	489606	322.759	ug/L #	94
49) Dibromochloromethane	11.127	129	486911	121.666	ug/L	95
50) 1,2-Dibromoethane	11.231	107	391197	123.125	ug/L	97
51) Chlorobenzene	11.658	112	1402563	112.048	ug/L	92
52) Ethylbenzene	11.725	91	2559134	124.943	ug/L	97
53) m,p-Xylene	11.835	106	987469	119.298	ug/L	99
54) o-Xylene	12.164	106	949446	122.318	ug/L	82
55) Styrene	12.176	104	1652986	125.450	ug/L	82
57) 1,1,2,2-Tetrachloroethane	12.713	83	479567	124.169	ug/L #	98
59) Bromoform	12.347	173	275649	118.661	ug/L #	99
60) Isopropylbenzene	12.463	105	2583066	119.381	ug/L	96
61) 1,2,3-Trichloropropane	12.767	75	351489	122.308	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	1451797	105.520	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	2165861	122.467	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	1048301	102.617	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	1024409	98.472	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	909378	99.400	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	88829	142.229	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	689908	95.853	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	555738	99.210	ug/L	96
71) Naphthalene	15.358	128	1354064	132.496	ug/L	98
72) 1,2,3-Trichlorobenzene	15.547	180	507937	104.733	ug/L	95

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

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