

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021666.D
 Acq On : 28 Dec 2021 10:14
 Operator : SY/VA
 Sample : VSTD2.538
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5438

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 11:52:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108072	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	102923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	4809	2.422	ug/L	0.00
7) Chloroethane-d5	2.885	69	3128	2.364	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	7456	2.747	ug/L	0.00
21) 2-Butanone-d5	7.086	46	1720m	5.836	ug/L	0.00
24) Chloroform-d	7.647	84	8216	2.637	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4416	2.660	ug/L	0.00
32) Benzene-d6	8.281	84	15250	2.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4228	2.733	ug/L	0.00
41) Toluene-d8	10.323	98	14735	2.541	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1861	2.557	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1210	5.134	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	3420	2.583	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5517	2.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	1018	2.149	ug/L	95
3) Chloromethane	2.215	50	3966	2.705	ug/L	96
5) Vinyl chloride	2.361	62	6235	2.778	ug/L	95
6) Bromomethane	2.776	94	3974	2.727	ug/L	99
8) Chloroethane	2.916	64	2891	2.769	ug/L	99
9) Trichlorofluoromethane	3.257	101	3700	3.046	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	4578	2.960	ug/L	92
12) 1,1-Dichloroethene	4.050	96	4053m	2.915	ug/L	
13) Acetone	4.135	43	1851	7.082	ug/L	82
14) Carbon disulfide	4.391	76	11291	3.041	ug/L	98
15) Methyl Acetate	4.690	43	1258m	2.762	ug/L	
16) Methylene chloride	4.915	84	7054	3.850	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	4316	2.872	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	5874	2.761	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	6628	2.799	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	4540	2.864	ug/L	69
22) 2-Butanone	7.177	43	2241	6.494	ug/L	99
23) Bromochloromethane	7.513	128	2177	2.904	ug/L #	59
25) Chloroform	7.677	83	7641	2.777	ug/L	96
27) 1,2-Dichloroethane	8.403	62	5002	2.832	ug/L #	93
29) Cyclohexane	7.958	56	6118	2.892	ug/L	86
30) 1,1,1-Trichloroethane	7.872	97	6916	2.889	ug/L	95
31) Carbon tetrachloride	8.067	117	6748	3.024	ug/L	95
33) Benzene	8.323	78	16713	2.889	ug/L	100
34) Trichloroethene	9.098	95	4707	2.891	ug/L	96
35) Methylcyclohexane	9.335	83	7296	2.718	ug/L	84
37) 1,2-Dichloropropane	9.366	63	3612	2.799	ug/L	98
38) Bromodichloromethane	9.646	83	5357	2.958	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	5295	2.571	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	4158	5.775	ug/L #	93
42) Toluene	10.390	91	17993	2.685	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	4525	2.477	ug/L	96

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

45) 1,1,2-Trichloroethane	10.786	97	3020	2.819	ug/L	94
46) Tetrachloroethene	10.859	164	4426	2.879	ug/L	97
48) 2-Hexanone	10.969	43	2552	4.936	ug/L #	91
49) Dibromochloromethane	11.128	129	3813	2.834	ug/L	95
50) 1,2-Dibromoethane	11.237	107	2851	2.642	ug/L #	96
51) Chlorobenzene	11.658	112	12038	2.688	ug/L	94
52) Ethylbenzene	11.731	91	20283	2.666	ug/L	98
53) m,p-Xylene	11.841	106	7953	2.599	ug/L	83
54) o-Xylene	12.164	106	7342	2.537	ug/L	91
55) Styrene	12.182	104	12011	2.417	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	3283	2.696	ug/L	95
59) Bromoform	12.347	173	2010	2.690	ug/L #	93
60) Isopropylbenzene	12.463	105	20110	2.547	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	2421	2.796	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	16521	2.451	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	16410	2.454	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	9885	2.623	ug/L	86
65) 1,4-Dichlorobenzene	13.572	146	9787	2.630	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	8657	2.614	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	519m	2.803	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	6951	2.485	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	5398	2.362	ug/L	97
71) Naphthalene	15.365	128	8875	2.385	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4961	2.656	ug/L	96

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

