

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023572.D
 Acq On : 07 Jul 2022 13:36
 Operator : SY/VA
 Sample : VSTD00547
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005447

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 07 13:58:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 12:35:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	335385	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	312341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29568	4.826	ug/L	0.00
7) Chloroethane-d5	2.879	69	14424m	4.146	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	33045	4.845	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12207	10.210	ug/L	0.00
24) Chloroform-d	7.647	84	47737	4.924	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27173	5.027	ug/L	0.00
32) Benzene-d6	8.269	84	86630	5.011	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	25514	5.053	ug/L	0.00
41) Toluene-d8	10.323	98	80433	4.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10490	4.618	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8775	9.289	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24157	4.951	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	26521	4.683	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7900	4.580	ug/L	99
3) Chloromethane	2.215	50	23303	5.647	ug/L	96
5) Vinyl chloride	2.355	62	38220	5.517	ug/L	99
6) Bromomethane	2.763	94	23589	6.312	ug/L	92
8) Chloroethane	2.910	64	11754	4.424	ug/L	87
9) Trichlorofluoromethane	3.245	101	14012	4.992	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	24505	5.216	ug/L	97
12) 1,1-Dichloroethene	4.038	96	19994	5.175	ug/L	87
13) Acetone	4.123	43	10742	12.334	ug/L	92
14) Carbon disulfide	4.385	76	63528	5.963	ug/L	98
15) Methyl Acetate	4.672	43	10489	4.926	ug/L	92
16) Methylene chloride	4.909	84	31617	6.038	ug/L	91
17) trans-1,2-Dichloroethene	5.422	96	24299	5.360	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	35411	5.158	ug/L #	92
19) 1,1-Dichloroethane	6.208	63	42988	5.250	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	26728	5.311	ug/L	95
22) 2-Butanone	7.171	43	18120	12.900	ug/L	95
23) Bromochloromethane	7.507	128	13507	5.395	ug/L	93
25) Chloroform	7.671	83	48325	5.142	ug/L	99
27) 1,2-Dichloroethane	8.403	62	33252	5.322	ug/L	99
29) Cyclohexane	7.958	56	32350	5.333	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	39169	5.378	ug/L	97
31) Carbon tetrachloride	8.067	117	36463	5.473	ug/L	100
33) Benzene	8.323	78	106520	5.705	ug/L	100
34) Trichloroethene	9.092	95	27173	5.567	ug/L	96
35) Methylcyclohexane	9.335	83	41757	5.396	ug/L	94
37) 1,2-Dichloropropane	9.366	63	25164	5.489	ug/L	97
38) Bromodichloromethane	9.646	83	34344	5.186	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	33628	4.814	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	32463	10.767	ug/L	97
42) Toluene	10.384	91	107922	5.238	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	32101	4.938	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	21095	5.252	ug/L	95
46) Tetrachloroethene	10.866	164	21146	5.463	ug/L	92
48) 2-Hexanone	10.969	43	21599	10.577	ug/L	99
49) Dibromochloromethane	11.128	129	23365	4.933	ug/L	94
50) 1,2-Dibromoethane	11.231	107	21045	5.516	ug/L	97
51) Chlorobenzene	11.658	112	75259	5.355	ug/L	97
52) Ethylbenzene	11.731	91	119901	5.184	ug/L	100
53) m,p-Xylene	11.841	106	45260	5.007	ug/L	99
54) o-Xylene	12.164	106	43657	5.050	ug/L	97
55) Styrene	12.176	104	75651	5.039	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	26534	5.246	ug/L	99
59) Bromoform	12.347	173	13131	5.193	ug/L #	98
60) Isopropylbenzene	12.463	105	116271	5.283	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	19418	5.596	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	93986	5.131	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	94590	5.178	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	54435	5.253	ug/L	90
65) 1,4-Dichlorobenzene	13.573	146	57695	5.381	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	51430	5.310	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4628	5.620	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	36867	5.462	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	27977	5.171	ug/L	99
71) Naphthalene	15.365	128	56626	4.910	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	26075	5.263	ug/L	98

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

