

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025110.D
 Acq On : 21 Nov 2022 11:04
 Operator : SY/VA
 Sample : VSTD10071
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100471

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2022
 Supervised By : Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 02:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	412856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	557271	100.169	ug/L	0.00
7) Chloroethane-d5	2.891	69	370476	101.882	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1165276	97.316	ug/L	0.00
21) 2-Butanone-d5	7.080	46	233712	200.481	ug/L	0.00
24) Chloroform-d	7.653	84	1124129	96.216	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	544559	94.376	ug/L	0.00
32) Benzene-d6	8.275	84	2294265	92.178	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	667911	92.799	ug/L	0.00
41) Toluene-d8	10.323	98	2113962	93.533	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	294584	101.435	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	197423	215.951	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	459108	96.024	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	642473	98.048	ug/L	0.00
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.007	85	203570m	147.514	ug/L	
3) Chloromethane	2.221	50	536590	107.303	ug/L	98
5) Vinyl chloride	2.367	62	683875	100.939	ug/L	99
6) Bromomethane	2.782	94	339645	103.130	ug/L	97
8) Chloroethane	2.928	64	330054	105.727	ug/L	99
9) Trichlorofluoromethane	3.263	101	512652	100.296	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	602050	98.351	ug/L	98
12) 1,1-Dichloroethene	4.044	96	600141	100.429	ug/L	98
13) Acetone	4.123	43	240947	197.677	ug/L	100
14) Carbon disulfide	4.391	76	1974936	98.559	ug/L	100
15) Methyl Acetate	4.672	43	203726	100.832	ug/L	99
16) Methylene chloride	4.922	84	599976	74.609	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	629525	99.168	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	835079	99.254	ug/L	100
19) 1,1-Dichloroethane	6.220	63	1109861	99.222	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	666233	101.328	ug/L	98
22) 2-Butanone	7.171	43	304751	195.301	ug/L	99
23) Bromochloromethane	7.519	128	266448	99.926	ug/L	97
25) Chloroform	7.677	83	1103968	98.618	ug/L	99
27) 1,2-Dichloroethane	8.403	62	662589	98.054	ug/L	100
29) Cyclohexane	7.958	56	1122787	98.804	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	958528	95.471	ug/L	99
31) Carbon tetrachloride	8.073	117	867063	95.168	ug/L	100
33) Benzene	8.323	78	2509904	94.229	ug/L	100
34) Trichloroethene	9.091	95	667778	95.652	ug/L	97
35) Methylcyclohexane	9.335	83	1215882	96.273	ug/L	98
37) 1,2-Dichloropropane	9.366	63	609545	95.113	ug/L	100
38) Bromodichloromethane	9.646	83	793542	96.933	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	981823	102.225	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	588567	207.854	ug/L	99
42) Toluene	10.390	91	2700637	96.157	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	823972	105.030	ug/L	100

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45) 1,1,2-Trichloroethane	10.786	97	414289	96.584	ug/L	98
46) Tetrachloroethene	10.859	164	478990	92.242	ug/L	96
48) 2-Hexanone	10.969	43	436400	213.371	ug/L	99
49) Dibromochloromethane	11.128	129	510931	99.697	ug/L	91
50) 1,2-Dibromoethane	11.231	107	402377	101.036	ug/L	93
51) Chlorobenzene	11.658	112	1690013	97.005	ug/L	98
52) Ethylbenzene	11.731	91	3072543	97.212	ug/L	100
53) m,p-Xylene	11.835	106	1185756	97.782	ug/L	94
54) o-Xylene	12.164	106	1132581	100.014	ug/L	95
55) Styrene	12.182	104	1910673	100.663	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	465732	98.346	ug/L	95
59) Bromoform	12.347	173	248472	100.861	ug/L	96
60) Isopropylbenzene	12.463	105	3134083	100.770	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	340609	99.056	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2757809	103.763	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2635600	102.835	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1256136	99.818	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	1212587	97.220	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	1072412	98.426	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	74902	108.475	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	825962	101.985	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	679167	113.195	ug/L	99
71) Naphthalene	15.359	128	1335259	121.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	555491	111.015	ug/L	100

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

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