

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024867.D
 Acq On : 12 Oct 2022 12:04
 Operator : SY/VA
 Sample : VSTD10059
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100459

Quant Time: Oct 12 22:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 22:46:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2022
 Supervised By :Mahesh Dadoda 10/13/2022

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 Dadoda
 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445008	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	424898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	474193	90.321	ug/L	0.00
7) Chloroethane-d5	2.885	69	295627	96.174	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1085057	95.056	ug/L	0.00
21) 2-Butanone-d5	7.080	46	345783	207.867	ug/L	0.00
24) Chloroform-d	7.647	84	1168365	93.084	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	612772	93.282	ug/L	0.00
32) Benzene-d6	8.275	84	2346608	88.072	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	733279	89.729	ug/L	0.00
41) Toluene-d8	10.323	98	2122090	88.737	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	320691	103.469	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	285639	208.476	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	587616	92.202	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	665700	90.186	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	217713m	107.720	ug/L	
3) Chloromethane	2.215	50	531389	114.596	ug/L	99
5) Vinyl chloride	2.367	62	668815	105.718	ug/L	99
6) Bromomethane	2.776	94	307468	100.064	ug/L	92
8) Chloroethane	2.922	64	283518	107.556	ug/L	100
9) Trichlorofluoromethane	3.257	101	361168	115.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	633946	99.496	ug/L	97
12) 1,1-Dichloroethene	4.044	96	631268	104.706	ug/L	89
13) Acetone	4.129	43	222668	194.838	ug/L	98
14) Carbon disulfide	4.385	76	2104456	106.864	ug/L	100
15) Methyl Acetate	4.672	43	312329	111.368	ug/L	99
16) Methylene chloride	4.916	84	658040	83.749	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	682402	103.983	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	1053044	107.980	ug/L	100
19) 1,1-Dichloroethane	6.220	63	1257590	103.579	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	741080	104.549	ug/L	98
22) 2-Butanone	7.171	43	401389	206.698	ug/L	99
23) Bromochloromethane	7.519	128	307472	105.985	ug/L	97
25) Chloroform	7.677	83	1212897	101.775	ug/L	99
27) 1,2-Dichloroethane	8.403	62	803148	104.210	ug/L	99
29) Cyclohexane	7.958	56	1245336	100.920	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	976149	99.896	ug/L	99
31) Carbon tetrachloride	8.067	117	867532	101.115	ug/L	99
33) Benzene	8.323	78	2774886	95.994	ug/L	100
34) Trichloroethene	9.092	95	716148	98.375	ug/L	98
35) Methylcyclohexane	9.335	83	1310810	100.049	ug/L	99
37) 1,2-Dichloropropane	9.366	63	711432	98.755	ug/L	100
38) Bromodichloromethane	9.646	83	905132	101.689	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	1130272	108.546	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	906111	212.807	ug/L	99
42) Toluene	10.384	91	2947118	99.439	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	973206	112.571	ug/L	99

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45) 1,1,2-Trichloroethane	10.786	97	509159	101.185	ug/L	97
46) Tetrachloroethene	10.866	164	484067	97.794	ug/L	87
48) 2-Hexanone	10.969	43	613766	212.603	ug/L	98
49) Dibromochloromethane	11.128	129	601172	107.922	ug/L	100
50) 1,2-Dibromoethane	11.231	107	495842	104.601	ug/L	99
51) Chlorobenzene	11.652	112	1827359	98.100	ug/L	99
52) Ethylbenzene	11.731	91	3279385	98.812	ug/L	97
53) m,p-Xylene	11.835	106	1261617	100.056	ug/L	95
54) o-Xylene	12.164	106	1211253	100.890	ug/L	94
55) Styrene	12.176	104	2086114	101.309	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	623407	101.545	ug/L	99
59) Bromoform	12.347	173	305113	112.889	ug/L #	97
60) Isopropylbenzene	12.463	105	3264372	100.190	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	460785	103.751	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2809299	100.426	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2725754	101.061	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1304866	98.337	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	1333828	99.305	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1136157	96.330	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	104704	108.894	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	845439	97.585	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	727232	103.458	ug/L	96
71) Naphthalene	15.359	128	1675313	109.998	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	634228	105.710	ug/L	96

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

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