

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021830.D
 Acq On : 11 Jan 2022 13:27
 Operator : SY/VA
 Sample : VSTD02546
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025446

Quant Time: Jan 11 13:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 11 13:58:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	129016	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	124604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	58579	23.655	ug/L	0.00
7) Chloroethane-d5	2.885	69	49614	28.317	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	92422	25.004	ug/L	0.00
21) 2-Butanone-d5	7.098	46	15677	44.437	ug/L	0.00
24) Chloroform-d	7.652	84	99664	24.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	47208	22.744	ug/L	0.00
32) Benzene-d6	8.274	84	197562	26.248	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	52388	25.751	ug/L	0.00
41) Toluene-d8	10.323	98	196967	26.199	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	21742	22.845	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	14656	49.332	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	39942	24.469	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	73846	25.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11285	16.401	ug/L	99
3) Chloromethane	2.214	50	44052	23.011	ug/L	99
5) Vinyl chloride	2.361	62	64716	22.953	ug/L	100
6) Bromomethane	2.781	94	42177	22.934	ug/L	98
8) Chloroethane	2.922	64	36885	26.508	ug/L	95
9) Trichlorofluoromethane	3.257	101	47945	26.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	52361	24.722	ug/L	90
12) 1,1-Dichloroethene	4.043	96	47458	24.977	ug/L	73
13) Acetone	4.165	43	12860m	42.449	ug/L	
14) Carbon disulfide	4.385	76	126761	23.641	ug/L	100
15) Methyl Acetate	4.683	43	13101	22.839	ug/L #	83
16) Methylene chloride	4.921	84	48471	21.144	ug/L	79
17) trans-1,2-Dichloroethene	5.427	96	51933	25.682	ug/L	78
18) Methyl tert-butyl Ether	5.433	73	65973	24.186	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	76804	24.644	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	52963	25.364	ug/L	66
22) 2-Butanone	7.183	43	16933	41.943	ug/L #	75
23) Bromochloromethane	7.518	128	26481	26.150	ug/L #	60
25) Chloroform	7.677	83	89161	24.786	ug/L	98
27) 1,2-Dichloroethane	8.402	62	51492	22.639	ug/L #	90
29) Cyclohexane	7.957	56	72584	25.234	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	83220	25.306	ug/L #	92
31) Carbon tetrachloride	8.073	117	82182	25.566	ug/L	99
33) Benzene	8.329	78	193004	25.348	ug/L	100
34) Trichloroethene	9.097	95	55870	25.732	ug/L	86
35) Methylcyclohexane	9.335	83	94016	26.224	ug/L #	80
37) 1,2-Dichloropropane	9.372	63	42501	25.181	ug/L #	94
38) Bromodichloromethane	9.646	83	59993	23.723	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	67908	25.020	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	38521	43.570	ug/L #	86
42) Toluene	10.390	91	219861	25.075	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	57828	24.047	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	35876	25.767	ug/L	91
46) Tetrachloroethene	10.859	164	53566	26.284	ug/L	98
48) 2-Hexanone	10.969	43	27491	46.237	ug/L #	87
49) Dibromochloromethane	11.127	129	46233	24.945	ug/L	99
50) 1,2-Dibromoethane	11.237	107	35328	25.602	ug/L #	98
51) Chlorobenzene	11.658	112	153436	26.726	ug/L #	88
52) Ethylbenzene	11.731	91	246387	25.063	ug/L	95
53) m,p-Xylene	11.841	106	102868	25.934	ug/L	80
54) o-Xylene	12.164	106	96173	25.706	ug/L	88
55) Styrene	12.182	104	161556	25.246	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	38283	25.319	ug/L #	96
59) Bromoform	12.347	173	25807	24.440	ug/L #	94
60) Isopropylbenzene	12.463	105	268099	25.572	ug/L	93
61) 1,2,3-Trichloropropane	12.767	75	27235	24.282	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.944	105	225898	25.599	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	220053	25.313	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	132090	26.496	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	126288	25.483	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	114523	26.474	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.480	75	5172	21.766	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.627	180	97189	26.775	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	75559	26.271	ug/L	95
71) Naphthalene	15.364	128	120420	25.992	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	63854	26.173	ug/L	96

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

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