

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020771.D
 Acq On : 05 Nov 2021 10:07
 Operator : SY/VA
 Sample : VSTD05016
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050416

Quant Time: Nov 08 03:45:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 03:42:28 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	185758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	169737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	67455	38.622	ug/L	0.00
7) Chloroethane-d5	2.879	69	41991m	42.224	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	151471	41.319	ug/L	0.00
21) 2-Butanone-d5	7.074	46	49743	85.759	ug/L	0.00
24) Chloroform-d	7.647	84	174347	42.241	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	90921	41.379	ug/L	0.00
32) Benzene-d6	8.275	84	318953	41.591	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	98855	41.635	ug/L	0.00
41) Toluene-d8	10.323	98	303567	40.688	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	49086	41.681	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	41114	85.581	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	85768	43.587	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	125375	42.040	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	40988	54.113	ug/L	98
3) Chloromethane	2.215	50	82976	41.865	ug/L	99
5) Vinyl chloride	2.361	62	127277	44.522	ug/L	100
6) Bromomethane	2.776	94	62532	42.266	ug/L	99
8) Chloroethane	2.916	64	49036	46.649	ug/L	99
9) Trichlorofluoromethane	3.257	101	69605	45.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	111176	44.583	ug/L #	82
12) 1,1-Dichloroethene	4.044	96	105692	44.473	ug/L #	75
13) Acetone	4.117	43	42834	79.351	ug/L	94
14) Carbon disulfide	4.385	76	317349	44.239	ug/L	99
15) Methyl Acetate	4.672	43	42883	44.824	ug/L	94
16) Methylene chloride	4.922	84	101309	36.830	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	113034	44.744	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	156858	43.880	ug/L	95
19) 1,1-Dichloroethane	6.220	63	195143	44.602	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119855	45.007	ug/L	83
22) 2-Butanone	7.171	43	61750	86.088	ug/L	93
23) Bromochloromethane	7.519	128	53934	43.889	ug/L #	74
25) Chloroform	7.677	83	200722	44.067	ug/L	98
27) 1,2-Dichloroethane	8.403	62	127975	43.401	ug/L	98
29) Cyclohexane	7.958	56	195274	44.095	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	176674	43.800	ug/L	95
31) Carbon tetrachloride	8.067	117	171003	44.550	ug/L	98
33) Benzene	8.323	78	445890	43.863	ug/L	100
34) Trichloroethene	9.091	95	121306	44.831	ug/L	93
35) Methylcyclohexane	9.335	83	213146	45.139	ug/L	91
37) 1,2-Dichloropropane	9.372	63	107273	44.571	ug/L	98
38) Bromodichloromethane	9.646	83	150914	44.793	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	178421	45.551	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	135300	86.015	ug/L #	95
42) Toluene	10.390	91	503442	46.055	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	160602	45.329	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	79148	44.312	ug/L	97
46) Tetrachloroethene	10.866	164	108270	44.610	ug/L	98
48) 2-Hexanone	10.969	43	101922	88.737	ug/L #	97
49) Dibromochloromethane	11.128	129	110388	45.256	ug/L	96
50) 1,2-Dibromoethane	11.237	107	78724	43.468	ug/L #	100
51) Chlorobenzene	11.658	112	318468	45.168	ug/L	96
52) Ethylbenzene	11.731	91	566702	46.270	ug/L	99
53) m,p-Xylene	11.841	106	224219	45.693	ug/L	91
54) o-Xylene	12.164	106	212392	45.692	ug/L	90
55) Styrene	12.182	104	363001	45.935	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	92521	44.197	ug/L #	98
59) Bromoform	12.347	173	68553	42.709	ug/L	99
60) Isopropylbenzene	12.463	105	579207	44.283	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	68066	43.402	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	499595	44.450	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	502364	44.994	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	272068	44.863	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	265486	43.947	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	232161	43.339	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16417	42.824	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.627	180	210948	43.823	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	172571	43.005	ug/L	98
71) Naphthalene	15.365	128	289641	42.702	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	149269	43.773	ug/L	95

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

