

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021060.D
 Acq On : 03 Dec 2021 12:32
 Operator : SY/VA
 Sample : VSTD02527
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025427

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 03 18:36:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	109467	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	37060	24.779	ug/L	0.00
7) Chloroethane-d5	2.885	69	26266	25.778	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	61252	25.602	ug/L	0.00
21) 2-Butanone-d5	7.074	46	15269	44.354	ug/L	0.00
24) Chloroform-d	7.647	84	66737	24.686	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	34775	24.017	ug/L	0.00
32) Benzene-d6	8.275	84	125311	24.917	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	34647	24.861	ug/L	0.00
41) Toluene-d8	10.323	98	124888	24.392	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	15842	24.727	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	13021	48.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	30410	23.687	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	47206	24.693	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	16799	30.644	ug/L	89
3) Chloromethane	2.215	50	27817	23.615	ug/L	100
5) Vinyl chloride	2.361	62	53025	25.985	ug/L	99
6) Bromomethane	2.782	94	35447	25.501	ug/L	96
8) Chloroethane	2.922	64	23062	26.479	ug/L	97
9) Trichlorofluoromethane	3.257	101	26160	26.186	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	39695	25.982	ug/L	90
12) 1,1-Dichloroethene	4.038	96	36915	25.933	ug/L	85
13) Acetone	4.123	43	13643	43.128	ug/L	92
14) Carbon disulfide	4.385	76	107554	27.888	ug/L	99
15) Methyl Acetate	4.666	43	13959m	25.036	ug/L	
16) Methylene chloride	4.916	84	37073	22.126	ug/L	81
17) trans-1,2-Dichloroethene	5.422	96	39481	26.365	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	57765	25.779	ug/L	94
19) 1,1-Dichloroethane	6.214	63	61816	26.094	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40999	26.013	ug/L	74
22) 2-Butanone	7.171	43	19584	44.578	ug/L	88
23) Bromochloromethane	7.513	128	19319	26.270	ug/L #	65
25) Chloroform	7.677	83	68950	26.147	ug/L	97
27) 1,2-Dichloroethane	8.403	62	44469	25.622	ug/L	97
29) Cyclohexane	7.958	56	59704	27.130	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	62204	26.547	ug/L	95
31) Carbon tetrachloride	8.067	117	59043	27.442	ug/L	100
33) Benzene	8.323	78	148041	26.098	ug/L	100
34) Trichloroethene	9.092	95	41884	26.677	ug/L	93
35) Methylcyclohexane	9.335	83	69621	26.315	ug/L	86
37) 1,2-Dichloropropane	9.366	63	33810	26.478	ug/L #	96
38) Bromodichloromethane	9.646	83	47962	26.734	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	55293	26.811	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	43284	50.361	ug/L #	92
42) Toluene	10.390	91	169050	26.343	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	50382	27.203	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	27786	25.696	ug/L	93
46) Tetrachloroethene	10.860	164	36926	25.492	ug/L	89
48) 2-Hexanone	10.969	43	32747	52.868	ug/L #	96
49) Dibromochloromethane	11.128	129	34338	26.013	ug/L	97
50) 1,2-Dibromoethane	11.238	107	28184	25.985	ug/L #	97
51) Chlorobenzene	11.658	112	111258	25.750	ug/L	91
52) Ethylbenzene	11.731	91	186781	25.693	ug/L	97
53) m,p-Xylene	11.835	106	78496	25.993	ug/L	77
54) o-Xylene	12.164	106	72336	25.762	ug/L	98
55) Styrene	12.176	104	121157	25.103	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	33521	26.185	ug/L	96
59) Bromoform	12.347	173	21666	28.258	ug/L	96
60) Isopropylbenzene	12.463	105	202929	27.119	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	24492	27.282	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.939	105	168753	26.904	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	170235	26.933	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	93725	26.547	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	96288	27.330	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	83819	26.726	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5297	26.951	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.627	180	70428	27.345	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	61289	29.142	ug/L	92
71) Naphthalene	15.365	128	109756	27.776	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	51860	27.934	ug/L	96

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

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