

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021246.D
 Acq On : 09 Dec 2021 16:12
 Operator : SY/VA
 Sample : VSTD2.536
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5436

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/10/2021
 Supervised By :Mahesh Dadoda 12/10/2021

Quant Time: Dec 09 17:33:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 16:38:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	108052	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100484	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56235	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	4403	2.237	ug/L	0.00
7) Chloroethane-d5	2.885	69	3086	2.372	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	6418	2.446	ug/L	0.00
21) 2-Butanone-d5	7.086	46	1667m	6.157	ug/L	0.00
24) Chloroform-d	7.647	84	8014	2.661	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4076	2.545	ug/L	0.00
32) Benzene-d6	8.274	84	14697	2.668	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4037	2.733	ug/L	0.00
41) Toluene-d8	10.323	98	14006	2.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1629	2.395	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	1108	5.073	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	3425	2.697	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	5906	2.710	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	876m	2.098	ug/L	
3) Chloromethane	2.215	50	3446	2.493	ug/L	97
5) Vinyl chloride	2.361	62	5218	2.405	ug/L	99
6) Bromomethane	2.775	94	3671	2.608	ug/L	92
8) Chloroethane	2.916	64	2525	2.526	ug/L	97
9) Trichlorofluoromethane	3.263	101	2971	2.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	3642	2.441	ug/L	# 73
12) 1,1-Dichloroethene	4.044	96	3245	2.423	ug/L	69
13) Acetone	4.129	43	1832	7.367	ug/L	79
14) Carbon disulfide	4.379	76	7981	2.307	ug/L	98
15) Methyl Acetate	4.678	43	1133	2.588	ug/L	92
16) Methylene chloride	4.909	84	7056	3.952	ug/L	78
17) trans-1,2-Dichloroethene	5.434	96	3573	2.464	ug/L	75
18) Methyl tert-butyl Ether	5.421	73	5099m	2.546	ug/L	
19) 1,1-Dichloroethane	6.220	63	5706	2.507	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	3798	2.483	ug/L	71
22) 2-Butanone	7.171	43	1956m	6.023	ug/L	
23) Bromochloromethane	7.519	128	1754	2.452	ug/L	# 62
25) Chloroform	7.683	83	6675	2.527	ug/L	97
27) 1,2-Dichloroethane	8.402	62	4034	2.411	ug/L	# 92
29) Cyclohexane	7.957	56	4876	2.438	ug/L	# 77
30) 1,1,1-Trichloroethane	7.872	97	5697	2.527	ug/L	97
31) Carbon tetrachloride	8.073	117	5013	2.410	ug/L	100
33) Benzene	8.329	78	14251	2.603	ug/L	100
34) Trichloroethene	9.097	95	3933	2.560	ug/L	91
35) Methylcyclohexane	9.335	83	6250	2.466	ug/L	# 85
37) 1,2-Dichloropropane	9.372	63	3165	2.592	ug/L	100
38) Bromodichloromethane	9.646	83	3938	2.346	ug/L	# 93
39) cis-1,3-Dichloropropene	10.073	75	4177	2.170	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	3588	5.393	ug/L	# 94
42) Toluene	10.390	91	15358	2.399	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	3476	2.062	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	2501	2.503	ug/L	92
46) Tetrachloroethene	10.865	164	3626	2.484	ug/L	97
48) 2-Hexanone	10.969	43	2398	4.970	ug/L #	94
49) Dibromochloromethane	11.128	129	2783	2.259	ug/L	100
50) 1,2-Dibromoethane	11.231	107	2378	2.391	ug/L #	97
51) Chlorobenzene	11.658	112	10506	2.451	ug/L	94
52) Ethylbenzene	11.731	91	17269	2.360	ug/L	97
53) m,p-Xylene	11.841	106	6862	2.325	ug/L	85
54) o-Xylene	12.164	106	6187	2.209	ug/L	95
55) Styrene	12.182	104	10181	2.136	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.719	83	2747	2.398	ug/L #	89
59) Bromoform	12.347	173	1446	2.161	ug/L #	92
60) Isopropylbenzene	12.463	105	17057	2.232	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	1982	2.422	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.944	105	14413	2.217	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	14420	2.248	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	8627	2.394	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	9184	2.565	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	8137	2.564	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.487	75	428m	2.535	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	6949	2.580	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	5632	2.599	ug/L	91
71) Naphthalene	15.365	128	8795	2.498	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4611	2.575	ug/L	97

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

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