Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
Data File : VW020768.D
Acq On : 05 Nov 2021 08:55
Operator : SY/VA
Sample : VSTD2.513
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 08 04:10:46 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

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

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	8.848	114	162259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	143913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	4640	3.041	ug/L	0.00
7) Chloroethane-d5	2.879	69	2267	2.610	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	9180	2.867	ug/L	0.00
21) 2-Butanone-d5	7.086	46	2348	4.634	ug/L	0.00
24) Chloroform-d	7.653	84	9732	2.699	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	5233	2.727	ug/L	0.00
32) Benzene-d6	8.275	84	18946	2.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	5908	2.935	ug/L	0.00
41) Toluene-d8	10.323	98	18709	2.958	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	2857	2.861	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2102	5.161	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	4431	2.656	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	6886	2.806	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	1015	1.534	ug/L #	73
3) Chloromethane	2.215	50	4766	2.753	ug/L	96
5) Vinyl chloride	2.361	62	6655	2.665	ug/L	95
6) Bromomethane	2.776	94	3739	2.893	ug/L	98
8) Chloroethane	2.916	64	2284	2.487	ug/L	92
9) Trichlorofluoromethane	3.251	101	3550	2.680	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	5707	2.620	ug/L #	81
12) 1,1-Dichloroethene	4.050	96	5537	2.667	ug/L #	74
13) Acetone	4.135	43	2778m	5.892	ug/L	
14) Carbon disulfide	4.391	76	16461	2.627	ug/L	96
15) Methyl Acetate	4.684	43	2316m	2.771	ug/L	
16) Methylene chloride	4.915	84	8643	3.597	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	5813	2.634	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	8216	2.631	ug/L #	85
19) 1,1-Dichloroethane	6.226	63	10159	2.658	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	6042	2.597	ug/L	77
22) 2-Butanone	7.183	43	3251	5.189	ug/L	79
23) Bromochloromethane	7.519	128	2841	2.647	ug/L #	70
25) Chloroform	7.677	83	10832	2.722	ug/L	94
27) 1,2-Dichloroethane	8.403	62	6867	2.666	ug/L	98
29) Cyclohexane	7.958	56	10595	2.822	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	9678	2.830	ug/L	93
31) Carbon tetrachloride	8.073	117	8936	2.746	ug/L	98
33) Benzene	8.329	78	24854	2.884	ug/L	100
34) Trichloroethene	9.091	95	6299	2.746	ug/L	94
35) Methylcyclohexane	9.335	83	10971	2.740	ug/L	91
37) 1,2-Dichloropropane	9.372	63	5479	2.685	ug/L	100
38) Bromodichloromethane	9.646	83	7773	2.721	ug/L	95
39) cis-1,3-Dichloropropene	10.079	75	8624	2.597	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	7022	5.265	ug/L #	97
42) Toluene	10.390	91	25015	2.699	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	7901	2.630	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	3957	2.613	ug/L		96
46) Tetrachloroethene	10.866	164	5612	2.727	ug/L		96
48) 2-Hexanone	10.969	43	4993	5.127	ug/L	#	97
49) Dibromochloromethane	11.134	129	5454	2.637	ug/L		99
50) 1,2-Dibromoethane	11.237	107	4156	2.707	ug/L	#	97
51) Chlorobenzene	11.658	112	16104	2.694	ug/L		97
52) Ethylbenzene	11.731	91	27543	2.652	ug/L		97
53) m,p-Xylene	11.841	106	11230	2.699	ug/L		95
54) o-Xylene	12.164	106	10533	2.673	ug/L		93
55) Styrene	12.182	104	17598	2.627	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.713	83	4658	2.624	ug/L	#	97
59) Bromoform	12.347	173	3498	2.648	ug/L	#	96
60) Isopropylbenzene	12.463	105	29289	2.721	ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	3353	2.598	ug/L		90
62) 1,3,5-Trimethylbenzene	12.944	105	24928	2.695	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	24475	2.664	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	13492	2.704	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	13525	2.721	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	11902	2.700	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	748m	2.371	ug/L		
69) 1,3,5-Trichlorobenzene	14.621	180	10572	2.669	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	9112	2.759	ug/L		93
71) Naphthalene	15.365	128	14969	2.682	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	7763	2.766	ug/L		95

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

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