Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111521\
Data File : VW020885.D
Acq On : 15 Nov 2021 10:10
Operator : SY/VA
Sample : VSTD2.519
Misc : 5.00g/10.00mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 15 11:27:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 15 11:26:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5419

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	128492	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	119147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	3377	2.631	ug/L	0.00
7) Chloroethane-d5	2.891	69	2220	2.964	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	7226	2.768	ug/L	0.00
21) 2-Butanone-d5	7.086	46	2007m	5.148	ug/L	0.00
24) Chloroform-d	7.653	84	8044	2.745	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4363	2.825	ug/L	0.00
32) Benzene-d6	8.281	84	15549	2.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4589	2.691	ug/L	0.00
41) Toluene-d8	10.323	98	15607	2.821	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	2086	2.480	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1421	4.311	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	3483	2.524	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5909	2.772	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	579	1.230	ug/L #	78
3) Chloromethane	2.215	50	2978	2.322	ug/L	92
5) Vinyl chloride	2.361	62	4870	2.539	ug/L	95
6) Bromomethane	2.776	94	2847	2.805	ug/L	98
8) Chloroethane	2.928	64	2102	2.901	ug/L	98
9) Trichlorofluoromethane	3.257	101	2959	2.865	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	4293	2.542	ug/L #	77
12) 1,1-Dichloroethene	4.050	96	3997	2.497	ug/L #	66
13) Acetone	4.129	43	2117	5.947	ug/L	82
14) Carbon disulfide	4.379	76	11982	2.555	ug/L #	94
15) Methyl Acetate	4.672	43	1581m	2.511	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	4526	2.662	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	6528	2.660	ug/L #	76
19) 1,1-Dichloroethane	6.226	63	7080	2.412	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	4737	2.616	ug/L	77
22) 2-Butanone	7.183	43	2778m	5.898	ug/L	
23) Bromochloromethane	7.519	128	2100	2.501	ug/L #	62
25) Chloroform	7.677	83	7804	2.522	ug/L	92
27) 1,2-Dichloroethane	8.409	62	4948	2.498	ug/L	99
29) Cyclohexane	7.958	56	6838	2.310	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	7156	2.552	ug/L	95
31) Carbon tetrachloride	8.073	117	6642	2.507	ug/L	98
33) Benzene	8.329	78	17192	2.468	ug/L	100
34) Trichloroethene	9.091	95	4828	2.584	ug/L	90
35) Methylcyclohexane	9.335	83	8005	2.495	ug/L	87
37) 1,2-Dichloropropane	9.366	63	3899	2.373	ug/L	99
38) Bromodichloromethane	9.646	83	5334	2.298	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	6032	2.244	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	4844	4.589	ug/L #	94
42) Toluene	10.390	91	18670	2.475	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	5382	2.213	ug/L	99
45) 1,1,2-Trichloroethane	10.792	97	3019	2.430	ug/L	94

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46) Tetrachloroethene	10.859	164	4227	2.490	ug/L		93
48) 2-Hexanone	10.969	43	3048	3.980	ug/L	#	92
49) Dibromochloromethane	11.128	129	3929	2.335	ug/L		93
50) 1,2-Dibromoethane	11.237	107	3122	2.505	ug/L	#	99
51) Chlorobenzene	11.658	112	12618	2.579	ug/L		91
52) Ethylbenzene	11.731	91	20260	2.401	ug/L		95
53) m,p-Xylene	11.841	106	8412	2.486	ug/L		85
54) o-Xylene	12.164	106	7959	2.482	ug/L		92
55) Styrene	12.182	104	12672	2.321	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.719	83	3247	2.257	ug/L	#	98
59) Bromoform	12.353	173	2127	1.967	ug/L		99
60) Isopropylbenzene	12.463	105	21592	2.430	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	2336	2.222	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.938	105	17717	2.329	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	17336	2.285	ug/L		92
64) 1,3-Dichlorobenzene	13.499	146	10167	2.454	ug/L		97
65) 1,4-Dichlorobenzene	13.578	146	10754	2.618	ug/L		92
67) 1,2-Dichlorobenzene	13.871	146	9160	2.513	ug/L	#	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	548m	2.154	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	7866	2.391	ug/L		97
70) 1,2,4-trichlorobenzene	15.133	180	6762	2.471	ug/L		93
71) Naphthalene	15.365	128	10782	2.330	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.548	180	5833	2.515	ug/L		92

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

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