Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
Data File : VW022007.D
Acq On : 01 Feb 2022 13:31
Operator : SY/VA
Sample : VSTD2.550
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 00:29:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 02 00:22:49 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5450

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/02/2022
Supervised By :Mahesh Dadoda 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	160294	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	147614	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74381	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	4717	2.443	ug/L		0.00
7) Chloroethane-d5	2.885	69	3498	2.353	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	8558	2.509	ug/L		0.00
21) 2-Butanone-d5	7.098	46	1988m	5.864	ug/L		0.02
24) Chloroform-d	7.653	84	9330	2.502	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	5046	2.720	ug/L		0.00
32) Benzene-d6	8.281	84	18060	2.421	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	5070	2.499	ug/L		0.00
41) Toluene-d8	10.323	98	17214	2.328	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.585	79	2037	2.292	ug/L		0.01
47) 2-Hexanone-d5	10.927	63	1352	4.583	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	4530	2.737	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	6946	2.589	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	660m	1.739	ug/L		
3) Chloromethane	2.215	50	4545	2.698	ug/L		90
5) Vinyl chloride	2.367	62	6483	2.679	ug/L		93
6) Bromomethane	2.782	94	5281	2.567	ug/L		98
8) Chloroethane	2.922	64	3078	2.476	ug/L		94
9) Trichlorofluoromethane	3.263	101	4897	2.681	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	4838	2.500	ug/L	#	84
12) 1,1-Dichloroethene	4.044	96	4394	2.460	ug/L		94
13) Acetone	4.141	43	1541m	4.798	ug/L		
14) Carbon disulfide	4.391	76	12461	2.392	ug/L		97
15) Methyl Acetate	4.684	43	1675m	2.864	ug/L		
17) trans-1,2-Dichloroethene	5.434	96	4899m	2.460	ug/L		
18) Methyl tert-butyl Ether	5.434	73	6682	2.617	ug/L	#	91
19) 1,1-Dichloroethane	6.226	63	7613	2.467	ug/L		95
20) cis-1,2-Dichloroethene	7.177	96	4927	2.411	ug/L		98
22) 2-Butanone	7.189	43	2006	4.850	ug/L		85
23) Bromochloromethane	7.519	128	2583	2.567	ug/L		94
25) Chloroform	7.677	83	9018	2.582	ug/L		99
27) 1,2-Dichloroethane	8.409	62	5403	2.624	ug/L		100
29) Cyclohexane	7.958	56	6660	2.298	ug/L		97
30) 1,1,1-Trichloroethane	7.878	97	7813	2.392	ug/L		96
31) Carbon tetrachloride	8.073	117	7455	2.331	ug/L		99
33) Benzene	8.323	78	19304	2.494	ug/L		100
34) Trichloroethene	9.092	95	5307	2.412	ug/L		94
35) Methylcyclohexane	9.335	83	8744	2.355	ug/L		98
37) 1,2-Dichloropropane	9.372	63	4213	2.478	ug/L		98
38) Bromodichloromethane	9.652	83	5670	2.336	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	5781	2.120	ug/L		95
40) 4-Methyl-2-pentanone	10.213	43	4193	5.028	ug/L		99
42) Toluene	10.390	91	20891	2.381	ug/L		91
44) trans-1,3-Dichloropropene	10.610	75	5024	2.138	ug/L		88
45) 1,1,2-Trichloroethane	10.786	97	3612	2.500	ug/L		96

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46) Tetrachloroethene	10.866	164	5001	2.438	ug/L		88
48) 2-Hexanone	10.969	43	2791	4.498	ug/L		97
49) Dibromochloromethane	11.128	129	4138	2.274	ug/L		98
50) 1,2-Dibromoethane	11.238	107	3376	2.360	ug/L	#	91
51) Chlorobenzene	11.658	112	14490	2.427	ug/L		91
52) Ethylbenzene	11.731	91	22617	2.337	ug/L		99
53) m,p-Xylene	11.835	106	9190	2.288	ug/L		98
54) o-Xylene	12.164	106	8846	2.355	ug/L		93
55) Styrene	12.182	104	13332	2.197	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	4120	2.620	ug/L		96
59) Bromoform	12.353	173	2157	2.196	ug/L	#	32
60) Isopropylbenzene	12.463	105	22515	2.317	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	2981	2.751	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	13985	2.170	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	17426	2.219	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	11514	2.473	ug/L		99
65) 1,4-Dichlorobenzene	13.579	146	11659	2.502	ug/L		93
67) 1,2-Dichlorobenzene	13.871	146	10700	2.586	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	532m	2.413	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	8295	2.478	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	6188	2.327	ug/L		96
71) Naphthalene	15.359	128	10102	2.329	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	5709	2.512	ug/L		96

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

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