Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023642.D
Acq On : 13 Jul 2022 12:06
Operator : SY/VA
Sample : VSTD00551
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 14 01:27:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 14 01:25:59 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD005451

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	199694	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	199644	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	102686	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.343	65	21091	4.156	ug/L		0.00
7) Chloroethane-d5	2.873	69	14563	4.315	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	18987	4.586	ug/L		0.00
21) 2-Butanone-d5	7.080	46	7915m	10.246	ug/L		0.00
24) Chloroform-d	7.647	84	28513	4.904	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	17311	4.868	ug/L		0.00
32) Benzene-d6	8.275	84	47082	4.537	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	14852	4.751	ug/L		0.00
41) Toluene-d8	10.323	98	45234	4.297	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	6414	4.377	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	5449	8.289	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16264	4.708	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	17958	4.899	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	5773	4.285	ug/L	#	87
3) Chloromethane	2.215	50	18354	5.523	ug/L		99
5) Vinyl chloride	2.355	62	32230	5.648	ug/L		95
6) Bromomethane	2.769	94	23419	6.345	ug/L		100
8) Chloroethane	2.910	64	14964	5.605	ug/L		100
9) Trichlorofluoromethane	3.245	101	15237	5.874	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	14494	5.743	ug/L	#	67
12) 1,1-Dichloroethene	4.031	96	11949	5.665	ug/L		85
13) Acetone	4.129	43	6798	13.471	ug/L		63
14) Carbon disulfide	4.385	76	36249	5.821	ug/L	#	91
15) Methyl Acetate	4.684	43	7521m	6.307	ug/L		
16) Methylene chloride	4.915	84	19326m	6.191	ug/L		
17) trans-1,2-Dichloroethene	5.415	96	14569	5.673	ug/L		91
18) Methyl tert-butyl Ether	5.428	73	20949	5.291	ug/L	#	84
19) 1,1-Dichloroethane	6.214	63	26945	5.687	ug/L		98
20) cis-1,2-Dichloroethene	7.165	96	15830	5.559	ug/L	#	93
22) 2-Butanone	7.165	43	11032m	12.065	ug/L		
23) Bromochloromethane	7.519	128	7927	5.799	ug/L		86
25) Chloroform	7.671	83	30699	5.625	ug/L		83
27) 1,2-Dichloroethane	8.397	62	21307	5.304	ug/L		98
29) Cyclohexane	7.958	56	20432	5.596	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	25211	5.832	ug/L		99
31) Carbon tetrachloride	8.067	117	22161	5.687	ug/L		94
33) Benzene	8.323	78	64130	5.653	ug/L		100
34) Trichloroethene	9.092	95	17050	5.691	ug/L		96
35) Methylcyclohexane	9.335	83	25353	5.557	ug/L		98
37) 1,2-Dichloropropane	9.372	63	15619	5.491	ug/L		100
38) Bromodichloromethane	9.646	83	20675	5.208	ug/L	#	91
39) cis-1,3-Dichloropropene	10.073	75	21591	5.036	ug/L		94
40) 4-Methyl-2-pentanone	10.207	43	20288	10.250	ug/L		96
42) Toluene	10.384	91	67857	5.245	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	20119	4.938	ug/L		97

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45) 1,1,2-Trichloroethane	10.786	97	13592	5.465	ug/L		97
46) Tetrachloroethene	10.860	164	12787	5.520	ug/L		96
48) 2-Hexanone	10.969	43	13626	9.623	ug/L		97
49) Dibromochloromethane	11.128	129	14336	4.971	ug/L		87
50) 1,2-Dibromoethane	11.231	107	12346	5.167	ug/L	#	99
51) Chlorobenzene	11.652	112	46564	5.336	ug/L		94
52) Ethylbenzene	11.731	91	74158	5.044	ug/L		97
53) m,p-Xylene	11.835	106	27813	4.848	ug/L		94
54) o-Xylene	12.164	106	27166	4.931	ug/L		98
55) Styrene	12.182	104	45340	4.659	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	17590	5.185	ug/L		95
59) Bromoform	12.353	173	7587	5.011	ug/L	#	97
60) Isopropylbenzene	12.463	105	71152	5.158	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	12710	5.645	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	55533	4.917	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	54719	4.846	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	33671	5.376	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	36577	5.490	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	31627	5.355	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.487	75	2997	5.771	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	22386	5.400	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	16216	5.066	ug/L		97
71) Naphthalene	15.365	128	29634	4.316	ug/L		98
72) 1,2,3-Trichlorobenzene	15.548	180	14610	4.897	ug/L		95

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

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