Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
Data File : VW027556.D
Acq On : 06 Dec 2023 09:36
Operator : SY/MD
Sample : VSTD2.572
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 07 06:35:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 07 06:34:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5472

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	295624	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	261522	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134072	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	17225	3.150	ug/L		0.00
7) Chloroethane-d5	2.905	69	13036m	3.428	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.033	65	7161	3.040	ug/L		0.01
21) 2-Butanone-d5	7.094	46	9204	8.305	ug/L		0.01
24) Chloroform-d	7.655	84	24230	2.839	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.313	65	13451	3.222	ug/L		0.00
32) Benzene-d6	8.276	84	48986	2.791	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	14639	2.765	ug/L		0.00
41) Toluene-d8	10.325	98	42740	2.737	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	5771	2.940	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	5704	7.568	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	12952	3.702	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	12929	2.614	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.040	85	11614	3.338	ug/L		96
3) Chloromethane	2.229	50	14413	3.201	ug/L		98
5) Vinyl chloride	2.381	62	15958	3.064	ug/L		98
6) Bromomethane	2.796	94	8616	3.083	ug/L		89
8) Chloroethane	2.942	64	9447	3.215	ug/L		88
9) Trichlorofluoromethane	3.277	101	13517	3.152	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	12364	2.954	ug/L	#	58
12) 1,1-Dichloroethene	4.058	96	11670	2.904	ug/L		95
13) Acetone	4.143	43	10162	8.733	ug/L		94
14) Carbon disulfide	4.399	76	39490	2.966	ug/L		99
15) Methyl Acetate	4.686	43	8894m	4.823	ug/L		
16) Methylene chloride	4.929	84	17589	3.688	ug/L		94
17) trans-1,2-Dichloroethene	5.448	96	12356	2.938	ug/L		77
18) Methyl tert-butyl Ether	5.435	73	20205	3.299	ug/L	#	92
19) 1,1-Dichloroethane	6.228	63	24102	2.873	ug/L		97
20) cis-1,2-Dichloroethene	7.179	96	13059	2.920	ug/L		95
22) 2-Butanone	7.185	43	14072m	9.453	ug/L		
23) Bromochloromethane	7.520	128	5272	2.923	ug/L		91
25) Chloroform	7.679	83	21827	2.828	ug/L		88
27) 1,2-Dichloroethane	8.404	62	15191	3.100	ug/L		98
29) Cyclohexane	7.959	56	23872	2.880	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	18626	2.830	ug/L		94
31) Carbon tetrachloride	8.075	117	16764	2.918	ug/L		98
33) Benzene	8.331	78	48941	2.751	ug/L		100
34) Trichloroethene	9.099	95	13397	2.876	ug/L		96
35) Methylcyclohexane	9.337	83	23553	2.774	ug/L		97
37) 1,2-Dichloropropane	9.368	63	12978	2.820	ug/L		98
38) Bromodichloromethane	9.648	83	15141	2.915	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	18448	2.765	ug/L		98
40) 4-Methyl-2-pentanone	10.215	43	18981	7.787	ug/L		97
42) Toluene	10.386	91	50298	2.726	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	14173	2.686	ug/L		99

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45) 1,1,2-Trichloroethane	10.788	97	9507	3.240	ug/L		94
46) Tetrachloroethene	10.867	164	10032	3.009	ug/L		95
48) 2-Hexanone	10.965	43	13554	7.388	ug/L		99
49) Dibromochloromethane	11.123	129	8795	2.962	ug/L		95
50) 1,2-Dibromoethane	11.233	107	8885	3.299	ug/L		100
51) Chlorobenzene	11.654	112	31648	2.827	ug/L		97
52) Ethylbenzene	11.733	91	56427	2.682	ug/L		95
53) m,p-Xylene	11.837	106	20666	2.680	ug/L		95
54) o-Xylene	12.160	106	18653	2.582	ug/L		99
55) Styrene	12.178	104	30666	2.509	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.715	83	12373	3.621	ug/L	#	98
59) Bromoform	12.349	173	4820	2.827	ug/L	#	92
60) Isopropylbenzene	12.465	105	53565	2.350	ug/L		97
61) 1,2,3-Trichloropropane	12.769	75	9471	3.496	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	39729	2.327	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	39881	2.300	ug/L		95
64) 1,3-Dichlorobenzene	13.495	146	21823	2.448	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	22369	2.503	ug/L		96
67) 1,2-Dichlorobenzene	13.867	146	21141	2.709	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.483	75	2597	4.284	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.623	180	14752	2.550	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	12001	2.632	ug/L		94
71) Naphthalene	15.360	128	26009	3.141	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	10520	2.786	ug/L		93

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

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