Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
Data File : VW023376.D
Acq On : 02 Jun 2022 15:52
Operator : SY/VA
Sample : N3171-03MS
Misc : 5.91g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 02 21:57:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 02 21:56:41 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DBTY9MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	448595	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	401621	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	206002	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	150525	22.690	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.760%			
7) Chloroethane-d5	2.885	69	111889	24.260	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.040%			
11) 1,1-Dichloroethene-d2	4.019	63	208507	20.449	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.800%			
21) 2-Butanone-d5	7.080	46	55726	40.811	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.620%			
24) Chloroform-d	7.647	84	252133	21.344	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.360%			
26) 1,2-Dichloroethane-d4	8.305	65	135811	21.950	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.800%			
32) Benzene-d6	8.275	84	484111	22.434	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.720%			
36) 1,2-Dichloropropane-d6	9.274	67	141404	22.904	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.600%			
41) Toluene-d8	10.323	98	468930	22.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.160%			
43) trans-1,3-Dichloroprop...	10.579	79	61694	22.385	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.560%			
47) 2-Hexanone-d5	10.920	63	45208	45.582	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.160%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127723	23.456	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	157565	21.638	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	40523	21.513	ug/L	92
3) Chloromethane	2.215	50	115173	20.791	ug/L	100
5) Vinyl chloride	2.361	62	178322	20.680	ug/L	98
6) Bromomethane	2.776	94	82110	19.506	ug/L	94
8) Chloroethane	2.922	64	90414	22.781	ug/L	96
9) Trichlorofluoromethane	3.257	101	72104	17.557	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	109216	18.331	ug/L	98
12) 1,1-Dichloroethene	4.037	96	101372m	19.718	ug/L	
13) Acetone	4.117	43	35496	35.737	ug/L	99
14) Carbon disulfide	4.385	76	297306	17.313	ug/L	99
15) Methyl Acetate	4.672	43	40627	18.181	ug/L	96
16) Methylene chloride	4.915	84	116693	18.160	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	115397	19.240	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	184099	20.850	ug/L	100
19) 1,1-Dichloroethane	6.214	63	201997	19.882	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	125287	19.892	ug/L #	92
22) 2-Butanone	7.171	43	57388	38.027	ug/L	98
23) Bromochloromethane	7.519	128	58972	19.732	ug/L	95
25) Chloroform	7.683	83	219771	19.764	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147674	20.627	ug/L		95
29) Cyclohexane	7.957	56	169419	19.690	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	189700	20.410	ug/L		98
31) Carbon tetrachloride	8.073	117	172962	19.786	ug/L		99
33) Benzene	8.323	78	482138	20.957	ug/L		100
34) Trichloroethene	9.091	95	125682	20.171	ug/L		96
35) Methylcyclohexane	9.335	83	190465	18.452	ug/L		99
37) 1,2-Dichloropropane	9.366	63	117878	21.748	ug/L		99
38) Bromodichloromethane	9.646	83	161851	21.096	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	178762	20.998	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	130579	42.510	ug/L		99
42) Toluene	10.390	91	543537	21.266	ug/L		98
44) trans-1,3-Dichloropropene	10.603	75	161098	21.148	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	94089	21.203	ug/L		95
46) Tetrachloroethene	10.859	164	101156	20.275	ug/L		97
48) 2-Hexanone	10.969	43	91618	44.625	ug/L		99
49) Dibromochloromethane	11.128	129	112678	20.692	ug/L		97
50) 1,2-Dibromoethane	11.237	107	89496	20.688	ug/L	#	96
51) Chlorobenzene	11.658	112	348328	20.641	ug/L		99
52) Ethylbenzene	11.731	91	592905	21.125	ug/L		99
53) m,p-Xylene	11.835	106	233492	21.008	ug/L		98
54) o-Xylene	12.164	106	222627	20.936	ug/L		97
55) Styrene	12.176	104	373238	20.596	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	110175	21.021	ug/L		94
59) Bromoform	12.347	173	59270	19.599	ug/L		96
60) Isopropylbenzene	12.463	105	588636	20.834	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	79074	21.355	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	483433	20.884	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	373809	20.800	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	259176	20.178	ug/L		98
65) 1,4-Dichlorobenzene	13.578	146	254533	19.385	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	232321	20.011	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16173	19.609	ug/L		97
69) 1,3,5-Trichlorobenzene	14.627	180	148712	17.531	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	119557	17.739	ug/L		98
71) Naphthalene	15.359	128	253781	20.000	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	102068	17.496	ug/L		99

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

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