Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080320\
Data File : VV017792.D
Acq On : 03 Aug 2020 13:14
Operator : SY/MD
Sample : K4649-07MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5169MS

Manual Integrations APPROVED
sam
8/7/2020 7:19:31 PM

Quant Time: Aug 04 02:18:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 04 01:48:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148813	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	83268	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	36218	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	1.58	69	33798	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.12	63	83283	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.40%			
20) 2-Butanone-d5	3.96	46	103112	52.59	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.18%			
24) Chloroform-d	4.37	84	105702	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.40%			
26) 1,2-Dichloroethane-d4	5.06	65	60413	5.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.80%			
32) Benzene-d6	5.07	84	168132	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.09	67	46599	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.33	98	161295	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.64	79	24021	5.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.80%			
46) 2-Hexanone-d5	8.11	63	75342	46.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.96%			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	37849	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
66) 1,2-Dichlorobenzene-d4	11.65	152	72076	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	73436	4.224	ug/L	97
3) Chloromethane	1.25	50	48693	4.893	ug/L	98
5) Vinyl chloride	1.32	62	50145	4.925	ug/L	98
6) Bromomethane	1.53	94	36063	5.926	ug/L	93
8) Chloroethane	1.60	64	32604	5.893	ug/L	99
9) Trichlorofluoromethane	1.76	101	106007	6.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49089	6.489	ug/L	93
12) 1,1-Dichloroethene	2.13	96	43585	6.219	ug/L	98
13) Acetone	2.23	43	69183	64.115	ug/L	64
14) Carbon disulfide	2.31	76	123303	6.301	ug/L	98
15) Methyl Acetate	2.46	43	14280	6.440	ug/L	97
16) Methylene chloride	2.52	84	57282	7.971	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	115422	5.238	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	48845	4.837	ug/L	96
19) 1,1-Dichloroethane	3.20	63	87808	4.863	ug/L	98
21) 2-Butanone	4.04	43	99573m	46.768	ug/L	
22) cis-1,2-Dichloroethene	3.93	96	53942	5.017	ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 04 01:48:46 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.27	128	25466	5.400	ug/L		87
25) Chloroform	4.40	83	104738	4.626	ug/L		98
27) 1,2-Dichloroethane	5.15	62	70212	5.619	ug/L	#	94
29) 1,1,1-Trichloroethane	4.63	97	104179	5.663	ug/L		99
30) Cyclohexane	4.69	56	68279	4.339	ug/L		98
31) Carbon tetrachloride	4.85	117	95337	5.760	ug/L		100
33) Benzene	5.12	78	197231	4.879	ug/L		100
34) Trichloroethene	5.93	95	54471	4.725	ug/L		89
35) Methylcyclohexane	6.15	83	80624	4.464	ug/L		98
37) 1,2-Dichloropropane	6.20	63	40881	4.371	ug/L	#	93
38) Bromodichloromethane	6.53	83	72953	5.525	ug/L		97
39) cis-1,3-Dichloropropene	7.05	75	69141	4.715	ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	230708	43.733	ug/L		99
42) Toluene	7.41	91	222369	4.948	ug/L		99
44) trans-1,3-Dichloropropene	7.67	75	67431	5.687	ug/L		97
45) 1,1,2-Trichloroethane	7.86	97	34171	4.791	ug/L		97
47) Tetrachloroethene	7.99	164	49070	4.871	ug/L		93
48) 2-Hexanone	8.16	43	169351	45.423	ug/L		97
49) Dibromochloromethane	8.26	129	48987	5.602	ug/L		96
50) 1,2-Dibromoethane	8.37	107	33071	4.961	ug/L	#	95
51) Chlorobenzene	8.90	112	149938	4.990	ug/L		99
52) Ethylbenzene	9.03	91	250355	4.881	ug/L		99
53) m,p-xylene	9.16	106	98640	5.052	ug/L		97
54) o-xylene	9.56	106	93851	5.079	ug/L		92
55) Styrene	9.58	104	159641	5.128	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.26	83	34226	4.471	ug/L	#	92
59) Bromoform	9.75	173	27560	5.475	ug/L		99
60) Isopropylbenzene	9.95	105	259844	4.885	ug/L		99
61) 1,2,3-Trichloropropane	10.29	75	29334	4.833	ug/L		95
62) 1,3,5-Trimethylbenzene	10.56	105	224717	5.116	ug/L		96
63) 1,2,4-Trimethylbenzene	10.94	105	228566	5.237	ug/L		98
64) 1,3-Dichlorobenzene	11.20	146	133643	5.041	ug/L		99
65) 1,4-Dichlorobenzene	11.29	146	133462	4.940	ug/L		99
67) 1,2-Dichlorobenzene	11.67	146	121102	5.027	ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.45	75	7495	5.990	ug/L		86
69) 1,3,5-Trichlorobenzene	12.67	180	106484	4.859	ug/L		98
70) 1,2,4-trichlorobenzene	13.28	180	87474	5.044	ug/L		99
71) Naphthalene	13.53	128	113373	4.711	ug/L		98
72) 1,2,3-Trichlorobenzene	13.77	180	77899	5.068	ug/L		98

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

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