Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024612.D
Acq On : 23 Jan 2020 17:45
Operator : CG/JU
Sample : K5111-07
Misc : 8 PPM LOD
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/24/2020 1:55:15 PM

Quant Time: Jan 24 11:46:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	240799	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1000740	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	711149	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1647528	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1703824	20.00	ng		0.00
87) Perylene-d12	23.17	264	1730996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1677734	132.50	ng		0.00
7) Phenol-d6	6.65	99	2217580	127.14	ng		0.00
23) Nitrobenzene-d5	8.59	82	1527518	74.86	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1531281	132.37	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	3965055	75.80	ng		0.00
79) Terphenyl-d14	19.50	244	7877194	86.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	43566	8.698	ng		97
3) Pyridine	3.46	79	123362	8.496	ng		97
4) n-Nitrosodimethylamine	3.38	42	51364	7.970	ng	#	98
6) Aniline	6.79	93	172358	8.117	ng		97
8) 2-Chlorophenol	7.02	128	114365	7.934	ng		95
9) Benzaldehyde	6.60	77	81217m	7.880	ng		
10) Phenol	6.66	94	136151	7.831	ng		89
11) bis(2-Chloroethyl)ether	6.89	93	111202	7.989	ng		96
12) 1,3-Dichlorobenzene	7.33	146	148222	8.370	ng		97
13) 1,4-Dichlorobenzene	7.48	146	146453	8.152	ng		97
14) 1,2-Dichlorobenzene	7.79	146	140031	8.075	ng		98
15) Benzyl Alcohol	7.69	79	111629	7.762	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.97	45	103618	8.132	ng		95
17) 2-Methylphenol	7.89	107	93628	7.641	ng		99
18) Hexachloroethane	8.50	117	56923	8.206	ng		97
19) n-Nitroso-di-n-propylamine	8.25	70	104462	7.977	ng		98
20) 3+4-Methylphenols	8.22	107	127043	7.490	ng		98
22) Acetophenone	8.26	105	203545	7.888	ng		98
24) Nitrobenzene	8.62	77	161822	8.275	ng		96
25) Isophorone	9.15	82	269299	7.767	ng		99
26) 2-Nitrophenol	9.33	139	64113	7.081	ng		97
27) 2,4-Dimethylphenol	9.40	122	93770	7.621	ng		98
28) bis(2-Chloroethoxy)methane	9.64	93	166873	7.878	ng		99
29) 2,4-Dichlorophenol	9.86	162	121671	7.319	ng		97
30) 1,2,4-Trichlorobenzene	10.07	180	156920	7.827	ng		99
31) Naphthalene	10.25	128	397068	7.856	ng		99
32) Benzoic acid	9.50	122	68090m	6.049	ng		
33) 4-Chloroaniline	10.37	127	167231	7.548	ng		99
34) Hexachlorobutadiene	10.56	225	109794	7.922	ng		95
35) Caprolactam	11.12	113	35928	6.736	ng		87
36) 4-Chloro-3-methylphenol	11.50	107	129995	7.354	ng		99
37) 2-Methylnaphthalene	11.87	142	302159	7.746	ng		99
38) 1-Methylnaphthalene	12.10	142	289751	7.809	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	200453	7.898	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	105219	7.396 ng	99
43) 2,4,6-Trichlorophenol	12.50	196	116500	7.213 ng	97
44) 2,4,5-Trichlorophenol	12.57	196	120349	7.296 ng	99
46) 1,1'-Biphenyl	12.92	154	429776	7.986 ng	99
47) 2-Chloronaphthalene	12.95	162	342064	7.873 ng	98
48) 2-Nitroaniline	13.16	65	94969	7.167 ng	99
49) Acenaphthylene	13.80	152	501832	7.716 ng	99
50) Dimethylphthalate	13.56	163	450791	7.839 ng	99
51) 2,6-Dinitrotoluene	13.67	165	91339	7.471 ng	97
52) Acenaphthene	14.16	154	312519	7.743 ng	99
53) 3-Nitroaniline	14.00	138	87947	6.936 ng	100
54) 2,4-Dinitrophenol	14.20	184	38606	5.280 ng	94
55) Dibenzofuran	14.49	168	518096	7.871 ng	99
56) 4-Nitrophenol	14.32	139	65062	6.564 ng	97
57) 2,4-Dinitrotoluene	14.46	165	123980	7.076 ng	96
58) Fluorene	15.15	166	419204	7.578 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	124509	7.443 ng	98
60) Diethylphthalate	14.95	149	452134	7.745 ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	246911	7.742 ng	97
62) 4-Nitroaniline	15.16	138	96368	6.885 ng	93
63) Azobenzene	15.44	77	389567	7.823 ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	59766	6.170 ng	99
66) n-Nitrosodiphenylamine	15.37	169	362051	7.650 ng	99
67) 4-Bromophenyl-phenylether	16.05	248	156458	7.636 ng	99
68) Hexachlorobenzene	16.16	284	189607	8.064 ng	99
69) Atrazine	16.33	200	132587	7.299 ng	98
70) Pentachlorophenol	16.50	266	99254	6.931 ng	95
71) Phenanthrene	16.89	178	691759	7.754 ng	99
72) Anthracene	16.97	178	661190	7.574 ng	99
73) Carbazole	17.24	167	604235	7.603 ng	98
74) Di-n-butylphthalate	17.84	149	738308	7.267 ng	99
75) Fluoranthene	18.91	202	843985	7.579 ng	99
77) Benzidine	19.11	184	260671	6.569 ng	98
78) Pyrene	19.27	202	872869	7.771 ng	99
80) Butylbenzylphthalate	20.22	149	313995	6.662 ng	98
81) Benzo(a)anthracene	21.04	228	914760	7.735 ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	289747	6.811 ng	100
83) Chrysene	21.09	228	879920	7.798 ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	469195	6.747 ng	98
85) Di-n-octyl phthalate	21.86	149	722821	6.291 ng	99
86) Indeno(1,2,3-cd)pyrene	25.23	276	795775	6.470 ng	98
88) Benzo(b)fluoranthene	22.54	252	832018	7.411 ng	99
89) Benzo(k)fluoranthene	22.59	252	843509	7.697 ng	100
90) Benzo(a)pyrene	23.07	252	742885	7.278 ng	98
91) Dibenzo(a,h)anthracene	25.24	278	675563	6.973 ng	99
92) Benzo(g,h,i)perylene	25.85	276	610860	6.944 ng	98

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

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