Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045429.D
Acq On : 19 May 2020 18:05
Operator : CG/JU
Sample : L2182-08
Misc : WATER - LOO - 10PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2020

Manual Integrations APPROVED
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5/20/2020 1:20:01 PM

Quant Time: May 20 06:04:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 00:13:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	87975	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	369080	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	266428	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	624744	20.00	ng		0.00
76) Chrysene-d12	21.61	240	628697	20.00	ng		0.00
87) Perylene-d12	24.77	264	675996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	521551	115.86	ng		0.00
7) Phenol-d6	7.19	99	754314	117.73	ng		-0.01
23) Nitrobenzene-d5	9.12	82	513461	75.86	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	402028	117.99	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1226992	78.12	ng		0.00
79) Terphenyl-d14	19.97	244	2172017	80.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	16658	7.462	ng		97
3) Pyridine	3.83	79	37283	5.997	ng	#	90
4) n-Nitrosodimethylamine	3.74	42	13883	6.824	ng	#	66
6) Aniline	7.30	93	66178	7.912	ng		99
8) 2-Chlorophenol	7.55	128	39707	8.043	ng		93
9) Benzaldehyde	7.10	77	38052	9.116	ng		95
10) Phenol	7.22	94	53456	8.095	ng		92
11) bis(2-Chloroethyl)ether	7.38	93	40690	7.900	ng		98
12) 1,3-Dichlorobenzene	7.86	146	45633	7.692	ng		91
13) 1,4-Dichlorobenzene	8.00	146	47911	8.184	ng		90
14) 1,2-Dichlorobenzene	8.32	146	44946	7.982	ng		94
15) Benzyl Alcohol	8.22	79	39133	7.393	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	38665	7.908	ng		96
17) 2-Methylphenol	8.45	107	35454	7.173	ng		98
18) Hexachloroethane	9.05	117	18237	8.133	ng		94
19) n-Nitroso-di-n-propylamine	8.77	70	36949	8.339	ng		97
20) 3+4-Methylphenols	8.79	107	48385m	7.189	ng		
22) Acetophenone	8.78	105	67076	7.668	ng	#	93
24) Nitrobenzene	9.17	77	54778	7.554	ng		97
25) Isophorone	9.69	82	104319	7.826	ng		99
26) 2-Nitrophenol	9.89	139	23402	7.544	ng	#	88
27) 2,4-Dimethylphenol	9.98	122	39441	8.573	ng		89
28) bis(2-Chloroethoxy)methane	10.18	93	58584	8.381	ng		93
29) 2,4-Dichlorophenol	10.45	162	40596	7.472	ng		92
30) 1,2,4-Trichlorobenzene	10.63	180	49129	7.653	ng		95
31) Naphthalene	10.82	128	136503	7.937	ng		98
32) Benzoic acid	10.10	122	15959	5.776	ng		96
33) 4-Chloroaniline	10.95	127	57233	7.961	ng	#	94
34) Hexachlorobutadiene	11.12	225	30849	6.798	ng		94
35) Caprolactam	11.68	113	16067	8.057	ng		90
36) 4-Chloro-3-methylphenol	12.11	107	48845	7.978	ng		93
37) 2-Methylnaphthalene	12.43	142	103803	8.098	ng		95
38) 1-Methylnaphthalene	12.65	142	100959	8.337	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	59051	7.935	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	25655	5.973	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	38571	7.461	ng		93
44) 2,4,5-Trichlorophenol	13.15	196	41072	6.953	ng		93
46) 1,1'-Biphenyl	13.44	154	135632	8.285	ng		97
47) 2-Chloronaphthalene	13.48	162	105126	7.908	ng		97
48) 2-Nitroaniline	13.69	65	30224	6.912	ng		96
49) Acenaphthylene	14.33	152	180957	8.475	ng		98
50) Dimethylphthalate	14.06	163	150636	8.242	ng		99
51) 2,6-Dinitrotoluene	14.18	165	32465	7.872	ng		96
52) Acenaphthene	14.67	154	105023	7.348	ng		91
53) 3-Nitroaniline	14.52	138	29805	7.109	ng	#	95
54) 2,4-Dinitrophenol	14.73	184	6067m	2.533	ng		
55) Dibenzofuran	15.00	168	174959	8.243	ng		99
56) 4-Nitrophenol	14.90	139	19642	6.188	ng	#	81
57) 2,4-Dinitrotoluene	14.97	165	45925	7.689	ng	#	95
58) Fluorene	15.66	166	144820	8.305	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.25	232	37412m	7.199	ng		
60) Diethylphthalate	15.42	149	159230	8.370	ng		96
61) 4-Chlorophenyl-phenylether	15.65	204	78800	7.897	ng		93
62) 4-Nitroaniline	15.69	138	34056	7.781	ng	#	83
63) Azobenzene	15.94	77	145563	8.206	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	21482	5.904	ng		88
66) n-Nitrosodiphenylamine	15.86	169	129580	8.639	ng		91
67) 4-Bromophenyl-phenylether	16.54	248	52215	7.718	ng		96
68) Hexachlorobenzene	16.67	284	58694	8.295	ng		97
69) Atrazine	16.81	200	52321	8.468	ng		96
70) Pentachlorophenol	17.03	266	9286m	2.528	ng		
71) Phenanthrene	17.40	178	246177	9.026	ng		98
72) Anthracene	17.49	178	254169	9.280	ng		98
73) Carbazole	17.77	167	231123	8.657	ng		96
74) Di-n-butylphthalate	18.32	149	271089	8.460	ng		99
75) Fluoranthene	19.40	202	313947	9.050	ng		97
77) Benzidine	19.59	184	146463	8.295	ng		96
78) Pyrene	19.77	202	319670	8.920	ng		96
80) Butylbenzylphthalate	20.66	149	127145	8.219	ng		96
81) Benzo(a)anthracene	21.60	228	301607	8.612	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	123454	8.986	ng		96
83) Chrysene	21.66	228	295360	8.771	ng		97
84) Bis(2-ethylhexyl)phthalate	21.51	149	181004	8.512	ng		99
85) Di-n-octyl phthalate	22.70	149	297794	8.154	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	351933	7.992	ng		98
88) Benzo(b)fluoranthene	23.76	252	303322	8.366	ng		97
89) Benzo(k)fluoranthene	23.83	252	300226	8.814	ng		96
90) Benzo(a)pyrene	24.62	252	283054	8.383	ng	#	97
91) Dibenzo(a,h)anthracene	28.39	278	291907	8.603	ng		100
92) Benzo(g,h,i)perylene	29.45	276	295614	8.711	ng		98

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

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