Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044696.D
Acq On : 6 Mar 2020 13:58
Operator : CG/JU
Sample : L1161-07
Misc : LOD-MDL-WATER 5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:54 PM

Quant Time: Mar 07 04:58:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76049	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	301465	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	221241	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	496137	20.00	ng		0.00
76) Chrysene-d12	21.71	240	467972	20.00	ng		0.00
87) Perylene-d12	24.94	264	520346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	654646	129.28	ng		0.00
7) Phenol-d6	7.21	99	957555	125.10	ng		0.00
23) Nitrobenzene-d5	9.22	82	689191	104.09	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	420101	138.23	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1442481	90.82	ng		0.00
79) Terphenyl-d14	20.06	244	2251508	85.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	11059	4.556	ng		96
3) Pyridine	3.93	79	26554	3.528	ng		91
4) n-Nitrosodimethylamine	3.84	42	10755	3.379	ng	#	66
6) Aniline	7.38	93	42389	4.421	ng		97
8) 2-Chlorophenol	7.62	128	22528	4.390	ng		96
9) Benzaldehyde	7.19	77	30433	6.774	ng		95
10) Phenol	7.23	94	30905	4.099	ng		86
11) bis(2-Chloroethyl)ether	7.47	93	26363	4.550	ng		98
12) 1,3-Dichlorobenzene	7.96	146	27378m	4.486	ng		
13) 1,4-Dichlorobenzene	8.10	146	26371	4.325	ng		91
14) 1,2-Dichlorobenzene	8.42	146	24324m	4.220	ng		
15) Benzyl Alcohol	8.30	79	27218	4.122	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	45919	4.195	ng		97
17) 2-Methylphenol	8.50	107	20658	3.999	ng		94
18) Hexachloroethane	9.15	117	10029	4.101	ng	#	87
19) n-Nitroso-di-n-propylamine	8.87	70	25874	4.525	ng		99
20) 3+4-Methylphenols	8.81	107	29385	4.083	ng		94
22) Acetophenone	8.88	105	46110	5.239	ng		98
24) Nitrobenzene	9.26	77	35022	4.989	ng		99
25) Isophorone	9.79	82	70538	4.831	ng		99
26) 2-Nitrophenol	9.98	139	9442	4.113	ng		92
27) 2,4-Dimethylphenol	10.04	122	20185	4.406	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	38377	4.669	ng	#	92
29) 2,4-Dichlorophenol	10.51	162	21299	4.086	ng		93
30) 1,2,4-Trichlorobenzene	10.74	180	26801	4.427	ng		91
31) Naphthalene	10.92	128	80745	4.773	ng		99
32) Benzoic acid	10.08	122	4518m	1.406	ng		
33) 4-Chloroaniline	11.02	127	34755	4.460	ng		95
34) Hexachlorobutadiene	11.22	225	16787	4.058	ng		95
35) Caprolactam	11.76	113	9075	4.171	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	28592	4.332	ng	#	88
37) 2-Methylnaphthalene	12.53	142	61510	4.818	ng		91
38) 1-Methylnaphthalene	12.74	142	57504	4.765	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	30835	4.293	ng		97

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Quant Time: Mar 07 04:58:43 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	19517	4.647	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	18892	3.794	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	19945	3.906	ng		95
46) 1,1'-Biphenyl	13.53	154	83513	4.746	ng		98
47) 2-Chloronaphthalene	13.57	162	60740	4.525	ng		95
48) 2-Nitroaniline	13.76	65	18517	4.090	ng		92
49) Acenaphthylene	14.42	152	105146	4.889	ng	#	91
50) Dimethylphthalate	14.14	163	84767	4.609	ng		98
51) 2,6-Dinitrotoluene	14.25	165	14610	4.421	ng		90
52) Acenaphthene	14.76	154	62481	4.493	ng		96
53) 3-Nitroaniline	14.58	138	15974	4.194	ng		94
54) 2,4-Dinitrophenol	14.78	184	4733	3.084	ng	#	61
55) Dibenzofuran	15.09	168	100645	4.831	ng		92
56) 4-Nitrophenol	14.88	139	11578	3.907	ng	#	79
57) 2,4-Dinitrotoluene	15.04	165	17773	4.025	ng	#	91
58) Fluorene	15.74	166	81705	4.741	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	18625m	3.832	ng		
60) Diethylphthalate	15.52	149	89009	4.526	ng	#	97
61) 4-Chlorophenyl-phenylether	15.74	204	41060	4.391	ng		96
62) 4-Nitroaniline	15.74	138	16581	3.952	ng		92
63) Azobenzene	16.03	77	97541	4.740	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	7506	3.703	ng		84
66) n-Nitrosodiphenylamine	15.95	169	72945	4.809	ng		95
67) 4-Bromophenyl-phenylether	16.63	248	28469	4.550	ng		97
68) Hexachlorobenzene	16.75	284	29510	4.368	ng	#	92
69) Atrazine	16.89	200	30603	5.220	ng		98
70) Pentachlorophenol	17.09	266	14073	3.671	ng		93
71) Phenanthrene	17.49	178	134742	4.953	ng		97
72) Anthracene	17.57	178	138163	5.156	ng		95
73) Carbazole	17.83	167	125444	4.889	ng		94
74) Di-n-butylphthalate	18.41	149	154009	4.765	ng		96
75) Fluoranthene	19.49	202	163407	4.970	ng		94
77) Benzidine	19.66	184	95298	5.101	ng		98
78) Pyrene	19.85	202	170277	4.770	ng		97
80) Butylbenzylphthalate	20.75	149	63938	4.013	ng		94
81) Benzo(a)anthracene	21.69	228	165784	4.724	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	64680	4.629	ng		95
83) Chrysene	21.76	228	154070	4.612	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	97184	4.374	ng	#	99
85) Di-n-octyl phthalate	22.87	149	156704	4.107	ng	#	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	190240	4.312	ng	#	90
88) Benzo(b)fluoranthene	23.92	252	160387m	4.529	ng		
89) Benzo(k)fluoranthene	23.98	252	162494	4.895	ng		99
90) Benzo(a)pyrene	24.78	252	145110	4.399	ng		97
91) Dibenzo(a,h)anthracene	28.67	278	157374	4.785	ng		97
92) Benzo(g,h,i)perylene	29.73	276	160294	4.866	ng		97

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

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