Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045665.D
Acq On : 9 Jun 2020 15:46
Operator : CG/JU
Sample : L2924-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SPMSD

Manual Integrations APPROVED
mohammad
6/10/2020 11:50:13 AM

Quant Time: Jun 09 16:27:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	67736	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	260251	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	185541	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	434279	20.00	ng		0.00
76) Chrysene-d12	21.60	240	404864	20.00	ng		0.00
87) Perylene-d12	24.74	264	441479	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	409693	118.20	ng		0.00
7) Phenol-d6	7.14	99	576531	116.87	ng		0.00
23) Nitrobenzene-d5	9.11	82	380387	79.70	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	270921	114.17	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	854012	78.07	ng		0.00
79) Terphenyl-d14	19.95	244	1416520	81.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	63001	36.66	ng		94
3) Pyridine	3.81	79	145831	30.46	ng		94
4) n-Nitrosodimethylamine	3.72	42	64018	40.87	ng		88
6) Aniline	7.27	93	93145	14.46	ng		97
8) 2-Chlorophenol	7.52	128	160624	42.26	ng		97
9) Benzaldehyde	7.08	77	100571	31.29	ng		94
10) Phenol	7.17	94	216440	42.57	ng		96
11) bis(2-Chloroethyl)ether	7.36	93	149735	37.76	ng		96
12) 1,3-Dichlorobenzene	7.83	146	179631	39.33	ng		99
13) 1,4-Dichlorobenzene	7.98	146	177322	39.34	ng		99
14) 1,2-Dichlorobenzene	8.30	146	165572	38.19	ng		98
15) Benzyl Alcohol	8.19	79	168608	41.37	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	139198	36.98	ng		97
17) 2-Methylphenol	8.41	107	144427	37.95	ng		96
18) Hexachloroethane	9.03	117	69284	40.13	ng		94
19) n-Nitroso-di-n-propylamine	8.76	70	135297	39.66	ng		97
20) 3+4-Methylphenols	8.75	107	198869	38.38	ng		93
22) Acetophenone	8.77	105	243166	39.42	ng		96
24) Nitrobenzene	9.15	77	206186	40.32	ng		98
25) Isophorone	9.67	82	367473	39.10	ng		99
26) 2-Nitrophenol	9.87	139	92135	42.12	ng		96
27) 2,4-Dimethylphenol	9.94	122	151414	46.67	ng		95
28) bis(2-Chloroethoxy)methane	10.16	93	204354	41.46	ng		97
29) 2,4-Dichlorophenol	10.42	162	167166	43.64	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	186564	41.21	ng		97
31) Naphthalene	10.81	128	491359	40.52	ng		100
32) Benzoic acid	10.11	122	75484	37.09	ng		96
33) 4-Chloroaniline	10.92	127	42625	8.41	ng	#	96
34) Hexachlorobutadiene	11.10	225	129176	40.37	ng		99
35) Caprolactam	11.69	113	56960m	40.51	ng		
36) 4-Chloro-3-methylphenol	12.06	107	186921	43.30	ng		99
37) 2-Methylnaphthalene	12.42	142	367379	40.64	ng		95
38) 1-Methylnaphthalene	12.63	142	349211	40.90	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	216237	41.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	249779	83.50	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	143856	39.96	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	148521	36.10	ng		99
46) 1,1'-Biphenyl	13.42	154	475938	41.75	ng		99
47) 2-Chloronaphthalene	13.47	162	360470	38.94	ng		98
48) 2-Nitroaniline	13.67	65	119200	39.14	ng		95
49) Acenaphthylene	14.31	152	602071	40.49	ng		98
50) Dimethylphthalate	14.05	163	591383	46.46	ng		98
51) 2,6-Dinitrotoluene	14.17	165	113403	39.48	ng		95
52) Acenaphthene	14.66	154	359407	36.11	ng		97
53) 3-Nitroaniline	14.50	138	35518	12.17	ng		98
54) 2,4-Dinitrophenol	14.71	184	117709	63.75	ng		99
55) Dibenzofuran	14.99	168	583937	39.50	ng		97
56) 4-Nitrophenol	14.84	139	154362	69.83	ng		87
57) 2,4-Dinitrotoluene	14.96	165	158856	38.19	ng		98
58) Fluorene	15.64	166	485164	39.95	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	145983	40.33	ng		96
60) Diethylphthalate	15.41	149	505987	38.19	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	272122	39.16	ng		98
62) 4-Nitroaniline	15.67	138	103866	34.08	ng		94
63) Azobenzene	15.92	77	495849	40.14	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	98124	38.80	ng		94
66) n-Nitrosodiphenylamine	15.85	169	428991	41.14	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	187881	39.95	ng		97
68) Hexachlorobenzene	16.65	284	202774	41.23	ng		95
69) Atrazine	16.81	200	166700	38.81	ng		96
70) Pentachlorophenol	17.00	266	193885	75.92	ng		97
71) Phenanthrene	17.39	178	770509	40.64	ng		99
72) Anthracene	17.47	178	789770	41.48	ng		99
73) Carbazole	17.74	167	718266	38.70	ng		99
74) Di-n-butylphthalate	18.30	149	862613	38.73	ng		99
75) Fluoranthene	19.40	202	958604	39.75	ng		99
77) Benzidine	19.58	184	224300	19.73	ng		97
78) Pyrene	19.75	202	949976	41.16	ng		99
80) Butylbenzylphthalate	20.65	149	381613	38.31	ng		99
81) Benzo(a)anthracene	21.58	228	916331	40.63	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	149372	16.88	ng		99
83) Chrysene	21.65	228	865095	39.89	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	535478	39.10	ng		99
85) Di-n-octyl phthalate	22.68	149	901894	38.35	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1133247	39.96	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	973075	41.10	ng		99
89) Benzo(k)fluoranthene	23.82	252	931145	41.86	ng		97
90) Benzo(a)pyrene	24.59	252	887654	40.25	ng		99
91) Dibenzo(a,h)anthracene	28.37	278	922274	41.62	ng		98
92) Benzo(g,h,i)perylene	29.43	276	943605	42.58	ng		97

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

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