Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
Data File : BG038310.D
Acq On : 3 Dec 2018 21:39
Operator : JU/SJ
Sample : J6179-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S1-0-0.5-BGSMSD

Manual Integrations APPROVED
mohammad
12/4/2018 5:37:33 PM

Quant Time: Dec 04 06:02:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18259	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	74600	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	60698	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	188054	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	178632	20.00	ng	0.00
87) Perylene-d12	25.06	264	220881	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112887	106.75	ng	-0.01
7) Phenol-d6	7.22	99	196177	129.96	ng	0.00
23) Nitrobenzene-d5	9.25	82	120593	86.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	126099	182.16	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	327894	78.70	ng	-0.01
79) Terphenyl-d14	20.06	244	736075	96.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	11000	22.021	ng	# 79
3) Pyridine	3.91	79	34116	23.943	ng	97
4) n-Nitrosodimethylamine	3.83	42	20748	40.135	ng	89
6) Aniline	7.40	93	58076	29.808	ng	98
8) 2-Chlorophenol	7.63	128	53979	43.989	ng	97
9) Benzaldehyde	7.21	77	27275	24.984	ng	99
10) Phenol	7.25	94	75379	47.142	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	50042	38.335	ng	98
12) 1,3-Dichlorobenzene	7.96	146	50810	35.943	ng	95
13) 1,4-Dichlorobenzene	8.11	146	66522	46.584	ng	97
14) 1,2-Dichlorobenzene	8.43	146	47678	34.971	ng	98
15) Benzyl Alcohol	8.32	79	52015	47.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	106707	44.022	ng	97
17) 2-Methylphenol	8.51	107	46670	43.172	ng	98
18) Hexachloroethane	9.16	117	16266	31.299	ng	# 83
19) n-Nitroso-di-n-propylamine	8.87	70	44207	40.472	ng	94
20) 3+4-Methylphenols	8.84	107	64446	42.054	ng	97
22) Acetophenone	8.90	105	78399	42.239	ng	# 98
24) Nitrobenzene	9.30	77	60570	42.487	ng	99
25) Isophorone	9.81	82	132188	52.699	ng	96
26) 2-Nitrophenol	10.00	139	29923	42.045	ng	98
27) 2,4-Dimethylphenol	10.05	122	55994	52.219	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	71421	44.528	ng	99
29) 2,4-Dichlorophenol	10.54	162	58946	48.872	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	53237	39.389	ng	97
31) Naphthalene	10.95	128	164514	44.836	ng	100
32) Benzoic acid	10.17	122	24048	38.213	ng	90
33) 4-Chloroaniline	11.06	127	52154	30.557	ng	99
34) Hexachlorobutadiene	11.21	225	31268	37.589	ng	95
35) Caprolactam	11.84	113	36785m	76.195	ng	
36) 4-Chloro-3-methylphenol	12.16	107	78768	59.777	ng	99
37) 2-Methylnaphthalene	12.55	142	138232	52.448	ng	98
38) 1-Methylnaphthalene	12.76	142	133547	52.641	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	76115	37.527	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	87609	80.665	ng		96
43) 2,4,6-Trichlorophenol	13.15	196	60746	43.951	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	69817	48.009	ng		97
46) 1,1'-Biphenyl	13.55	154	192375	37.726	ng		99
47) 2-Chloronaphthalene	13.59	162	155003	39.834	ng		99
48) 2-Nitroaniline	13.80	65	62961	51.411	ng		98
49) Acenaphthylene	14.44	152	278169	47.538	ng		99
50) Dimethylphthalate	14.16	163	268934	55.888	ng		99
51) 2,6-Dinitrotoluene	14.29	165	55928	51.353	ng		91
52) Acenaphthene	14.78	154	159547	45.290	ng		97
53) 3-Nitroaniline	14.63	138	46400	38.610	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	74058	120.658	ng	#	83
55) Dibenzofuran	15.11	168	272522	46.785	ng		96
56) 4-Nitrophenol	14.93	139	108321	116.869	ng		87
57) 2,4-Dinitrotoluene	15.08	165	86714	58.520	ng		96
58) Fluorene	15.76	166	232837	53.573	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	72143	59.286	ng		99
60) Diethylphthalate	15.51	149	274304	53.669	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	118794	46.712	ng		99
62) 4-Nitroaniline	15.80	138	70076	58.698	ng		94
63) Azobenzene	16.04	77	242986	53.172	ng		94
65) 4,6-Dinitro-2-methylphenol	15.84	198	56588	47.575	ng		95
66) n-Nitrosodiphenylamine	15.97	169	224531	39.467	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	83413	40.412	ng		96
68) Hexachlorobenzene	16.75	284	88457	41.519	ng		98
69) Atrazine	16.91	200	95933	45.743	ng		98
70) Pentachlorophenol	17.11	266	114287	78.984	ng		91
71) Phenanthrene	17.51	178	447631	46.492	ng		99
72) Anthracene	17.60	178	455332	47.976	ng		100
73) Carbazole	17.87	167	421977	44.316	ng		99
74) Di-n-butylphthalate	18.40	149	512766	47.972	ng		97
75) Fluoranthene	19.51	202	566005	51.525	ng		99
77) Benzidine	19.70	184	127089	20.276	ng		99
78) Pyrene	19.87	202	542628	46.462	ng		98
80) Butylbenzylphthalate	20.74	149	229133	44.862	ng		100
81) Benzo(a)anthracene	21.72	228	503084	46.604	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	125901	29.941	ng		98
83) Chrysene	21.79	228	467937	45.306	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	323364	44.395	ng		99
85) Di-n-octyl phthalate	22.83	149	539620	45.794	ng		98
86) Indeno(1,2,3-cd)pyrene	28.87	276	580450	50.601	ng	#	92
88) Benzo(b)fluoranthene	24.00	252	569859	46.882	ng		99
89) Benzo(k)fluoranthene	24.07	252	534760	44.585	ng		99
90) Benzo(a)pyrene	24.91	252	567749	48.875	ng		100
91) Dibenzo(a,h)anthracene	28.93	278	466907	41.774	ng		98
92) Benzo(g,h,i)perylene	30.07	276	464500	41.796	ng		97

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

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