Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035237.D
Acq On : 19 Jun 2018 4:16
Operator : SJ/JU
Sample : J3240-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-01-061518MSD

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:16 PM

Quant Time: Jun 19 07:48:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49146	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	168161	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	119147	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	321457	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	370079	20.00	ng		-0.02
86) Perylene-d12	24.91	264	366024	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	366984	126.02	ng		0.00
7) Phenol-d6	7.22	99	467946	108.87	ng		0.00
23) Nitrobenzene-d5	9.22	82	380320	107.51	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	281859	184.80	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	845584	92.26	ng		-0.02
78) Terphenyl-d14	20.03	244	1698119	96.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	53171	38.268	ng	#	73
3) Pyridine	3.97	79	118698	31.661	ng	#	68
4) n-Nitrosodimethylamine	3.87	42	56141	34.858	ng	#	68
6) Aniline	7.39	93	159134	28.642	ng		95
8) 2-Chlorophenol	7.63	128	135160	44.278	ng		91
9) Benzaldehyde	7.20	77	79810	24.106	ng		96
10) Phenol	7.25	94	160946	36.183	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	143883	41.675	ng		87
12) 1,3-Dichlorobenzene	7.95	146	157678	43.292	ng		94
13) 1,4-Dichlorobenzene	8.10	146	159669	42.467	ng		98
14) 1,2-Dichlorobenzene	8.42	146	155076	43.911	ng		97
15) Benzyl Alcohol	8.30	79	167158	41.043	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	156469	45.535	ng		77
17) 2-Methylphenol	8.49	107	129969	44.318	ng	#	92
18) Hexachloroethane	9.15	117	60315	44.809	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	131149	35.915	ng	#	87
20) 3+4-Methylphenols	8.82	107	172939	41.142	ng		95
22) Acetophenone	8.88	105	243632	46.770	ng	#	91
24) Nitrobenzene	9.26	77	199884	55.177	ng		93
25) Isophorone	9.79	82	381323	51.053	ng		97
26) 2-Nitrophenol	9.98	139	79665	63.799	ng		89
27) 2,4-Dimethylphenol	10.03	122	140239	53.431	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	192776	48.028	ng		96
29) 2,4-Dichlorophenol	10.51	162	159293	55.777	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	171431	50.060	ng		99
31) Naphthalene	10.92	128	426415	48.812	ng		98
32) Benzoic acid	10.16	122	97223	55.302	ng		95
33) 4-Chloroaniline	11.02	127	57546	15.171	ng	#	93
34) Hexachlorobutadiene	11.20	225	135016	50.696	ng		98
35) Caprolactam	11.79	113	38376m	36.360	ng		
36) 4-Chloro-3-methylphenol	12.13	107	194060	54.511	ng		92
37) 2-Methylnaphthalene	12.51	142	335410	50.642	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	231535	52.171	ng		99
40) Hexachlorocyclopentadiene	12.86	237	300041	107.811	ng		90

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	149467	56.246	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	171163	58.684	ng		98
45) 1,1'-Biphenyl	13.52	154	461982	48.220	ng		96
46) 2-Chloronaphthalene	13.56	162	362924	50.103	ng		99
47) 2-Nitroaniline	13.76	65	130803	61.153	ng		94
48) Acenaphthylene	14.40	152	620912	51.121	ng		97
49) Dimethylphthalate	14.13	163	524588	50.490	ng		99
50) 2,6-Dinitrotoluene	14.25	165	120259	63.445	ng		91
51) Acenaphthene	14.75	154	377379	47.554	ng		98
52) 3-Nitroaniline	14.59	138	74577	40.096	ng	#	89
53) 2,4-Dinitrophenol	14.79	184	128992	168.153	ng	#	66
54) Dibenzofuran	15.08	168	604549	50.865	ng		96
55) 4-Nitrophenol	14.89	139	162623	103.598	ng		90
56) 2,4-Dinitrotoluene	15.04	165	177687	70.568	ng	#	85
57) Fluorene	15.73	166	507550	51.097	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	172206	60.776	ng		94
59) Diethylphthalate	15.50	149	520978	49.147	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	289389	51.092	ng		96
61) 4-Nitroaniline	15.75	138	123921	62.125	ng	#	84
62) Azobenzene	16.01	77	516043	49.678	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	101144	68.914	ng		84
65) n-Nitrosodiphenylamine	15.93	169	459004	47.547	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	202355	52.273	ng		90
67) Hexachlorobenzene	16.73	284	206085	52.304	ng		97
68) Atrazine	16.88	200	214064	51.998	ng		94
69) Pentachlorophenol	17.08	266	254438	96.033	ng		97
70) Phenanthrene	17.47	178	831667	50.931	ng		98
71) Anthracene	17.56	178	852281	52.105	ng		98
72) Carbazole	17.83	167	796710	52.496	ng		98
73) Di-n-butylphthalate	18.38	149	896780	49.576	ng	#	98
74) Fluoranthene	19.47	202	1123355	52.867	ng		95
76) Benzidine	19.65	184	163525	11.877	ng		97
77) Pyrene	19.84	202	1124254	46.081	ng		97
79) Butylbenzylphthalate	20.72	149	430733	48.621	ng	#	96
80) Benzo(a)anthracene	21.68	228	1187915	50.231	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	285873	32.130	ng	#	98
82) Chrysene	21.74	228	1101549	50.874	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	592888	47.363	ng	#	97
84) Di-n-octyl phthalate	22.80	149	1018155	47.410	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1321157	52.097	ng	#	89
87) Benzo(b)fluoranthene	23.90	252	1164695	51.671	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	1114353	50.539	ng	#	97
89) Benzo(a)pyrene	24.77	252	1111771	52.417	ng	#	96
90) Dibenzo(a,h)anthracene	28.67	278	1074550	51.321	ng	#	97
91) Benzo(g,h,i)perylene	29.75	276	1089232	53.157	ng	#	93

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

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