Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036440.D
Acq On : 27 Aug 2018 20:37
Operator : JU/SJ
Sample : J4583-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TOD1-SB-01-02-03-0-52MSD

Quant Time: Aug 28 03:28:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68984	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	289551	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	183351	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	455743	20.00	ng	0.00
75) Chrysene-d12	21.70	240	443115	20.00	ng	0.00
86) Perylene-d12	24.91	264	462632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	442425	101.74	ng	0.00
7) Phenol-d6	7.22	99	618935	99.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	357687	67.02	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	243306	111.21	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	766772	59.71	ng	0.00
78) Terphenyl-d14	20.04	244	1286170	67.84	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	48139	23.720	ng	96
3) Pyridine	3.93	79	143372	25.167	ng	99
4) n-Nitrosodimethylamine	3.85	42	73860	29.109	ng	97
6) Aniline	7.39	93	208811	26.421	ng	97
8) 2-Chlorophenol	7.63	128	149245	31.647	ng	98
9) Benzaldehyde	7.20	77	103987	24.253	ng	97
10) Phenol	7.25	94	215213	33.030	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	145074	28.084	ng	99
12) 1,3-Dichlorobenzene	7.95	146	154723	28.733	ng	99
13) 1,4-Dichlorobenzene	8.11	146	154530	28.423	ng	96
14) 1,2-Dichlorobenzene	8.42	146	148438	28.589	ng	97
15) Benzyl Alcohol	8.30	79	150908	30.066	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	273976	26.300	ng	97
17) 2-Methylphenol	8.50	107	137423	31.763	ng	94
18) Hexachloroethane	9.15	117	55119	28.277	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	124557	26.767	ng	96
20) 3+4-Methylphenols	8.83	107	188778	31.253	ng	99
22) Acetophenone	8.89	105	235637	30.991	ng	98
24) Nitrobenzene	9.27	77	177674	30.875	ng	96
25) Isophorone	9.79	82	351463	33.152	ng	97
26) 2-Nitrophenol	9.98	139	74825	32.812	ng	97
27) 2,4-Dimethylphenol	10.04	122	153870	36.446	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	204302	31.400	ng	98
29) 2,4-Dichlorophenol	10.51	162	157842	34.113	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	164926	30.469	ng	98
31) Naphthalene	10.93	128	473996	32.747	ng	99
32) Benzoic acid	10.13	122	44847	17.470	ng	96
33) 4-Chloroaniline	11.03	127	167755	25.292	ng	98
34) Hexachlorobutadiene	11.21	225	110402	30.357	ng	97
35) Caprolactam	11.79	113	58842	31.924	ng	89
36) 4-Chloro-3-methylphenol	12.14	107	175374	32.620	ng	99
37) 2-Methylnaphthalene	12.52	142	366296	34.586	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	206803	31.872	ng	99
40) Hexachlorocyclopentadiene	12.87	237	240350	71.193	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	135382	34.252 ng	99
43) 2,4,5-Trichlorophenol	13.19	196	147078	34.887 ng	98
45) 1,1'-Biphenyl	13.53	154	471779	30.998 ng	99
46) 2-Chloronaphthalene	13.57	162	359498	30.941 ng	99
47) 2-Nitroaniline	13.76	65	117536	32.215 ng	94
48) Acenaphthylene	14.42	152	601602	33.131 ng	99
49) Dimethylphthalate	14.14	163	576160	38.483 ng	99
50) 2,6-Dinitrotoluene	14.26	165	100670	32.677 ng	92
51) Acenaphthene	14.76	154	390017	33.537 ng	99
52) 3-Nitroaniline	14.59	138	90636	27.301 ng	94
53) 2,4-Dinitrophenol	14.79	184	74959	64.237 ng	91
54) Dibenzofuran	15.09	168	570534	31.315 ng	99
55) 4-Nitrophenol	14.89	139	179346	66.071 ng	98
56) 2,4-Dinitrotoluene	15.04	165	139074	34.637 ng	92
57) Fluorene	15.74	166	456069	33.485 ng	100
58) 2,3,4,6-Tetrachlorophenol	15.31	232	142447	35.963 ng	96
59) Diethylphthalate	15.51	149	471398	31.243 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	261353	31.075 ng	96
61) 4-Nitroaniline	15.75	138	114323	32.908 ng	98
62) Azobenzene	16.02	77	462708	30.140 ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	67426	33.679 ng	93
65) n-Nitrosodiphenylamine	15.94	169	416639	30.767 ng	99
66) 4-Bromophenyl-phenylether	16.62	248	167836	31.455 ng	97
67) Hexachlorobenzene	16.74	284	170031	31.164 ng	97
68) Atrazine	16.89	200	166684	32.793 ng	99
69) Pentachlorophenol	17.08	266	208568	56.246 ng	97
70) Phenanthrene	17.48	178	760474	32.839 ng	99
71) Anthracene	17.56	178	778491	33.724 ng	99
72) Carbazole	17.83	167	693865	30.098 ng	98
73) Di-n-butylphthalate	18.39	149	789423	30.750 ng	99
74) Fluoranthene	19.48	202	926884	32.829 ng	100
76) Benzidine	19.66	184	629641	44.537 ng	99
77) Pyrene	19.84	202	910783	33.425 ng	100
79) Butylbenzylphthalate	20.73	149	358977	33.103 ng	94
80) Benzo(a)anthracene	21.68	228	906597	33.772 ng	100
81) 3,3'-Dichlorobenzidine	21.60	252	197378	18.449 ng	97
82) Chrysene	21.75	228	835964	32.854 ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	492420	32.449 ng	99
84) Di-n-octyl phthalate	22.82	149	839752	33.130 ng	98
85) Indeno(1,2,3-cd)pyrene	28.58	276	1015743	34.369 ng	98
87) Benzo(b)fluoranthene	23.90	252	891751	34.712 ng	98
88) Benzo(k)fluoranthene	23.96	252	867945	34.582 ng	99
89) Benzo(a)pyrene	24.76	252	870231	35.252 ng	99
90) Dibenzo(a,h)anthracene	28.65	278	826261	34.670 ng	99
91) Benzo(g,h,i)perylene	29.71	276	845818	35.317 ng	97

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

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