Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039778.D
Acq On : 6 Mar 2019 00:03
Operator : JU/SJ
Sample : K1704-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MS

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:13 PM

Quant Time: Mar 06 01:23:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42998	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	202111	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	141609	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	345127	20.00	ng		0.00
76) Chrysene-d12	21.82	240	336289	20.00	ng		0.00
87) Perylene-d12	25.19	264	353708	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	317193	125.85	ng		0.00
7) Phenol-d6	7.30	99	473954	126.12	ng		0.00
23) Nitrobenzene-d5	9.34	82	271321	72.60	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	188166	114.00	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	659759	66.34	ng		0.00
79) Terphenyl-d14	20.12	244	1042084	68.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	36521	31.386	ng		94
3) Pyridine	3.99	79	63748	20.464	ng		94
4) n-Nitrosodimethylamine	3.91	42	55426	37.506	ng		86
6) Aniline	7.48	93	103213	20.963	ng		97
8) 2-Chlorophenol	7.72	128	121400	39.703	ng		98
9) Benzaldehyde	7.30	77	74738	30.830	ng		97
10) Phenol	7.33	94	179428	44.073	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	116229	36.617	ng		97
12) 1,3-Dichlorobenzene	8.04	146	119653	34.600	ng		96
13) 1,4-Dichlorobenzene	8.19	146	120774	34.287	ng		97
14) 1,2-Dichlorobenzene	8.51	146	119103	34.996	ng		98
15) Benzyl Alcohol	8.39	79	120694	40.487	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	230412	36.295	ng		100
17) 2-Methylphenol	8.59	107	111250	42.856	ng		97
18) Hexachloroethane	9.24	117	42999	34.020	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	100061	36.992	ng	#	92
20) 3+4-Methylphenols	8.92	107	153483	42.559	ng		96
22) Acetophenone	8.98	105	184921	34.089	ng	#	94
24) Nitrobenzene	9.38	77	143949	36.718	ng		92
25) Isophorone	9.89	82	286973	36.650	ng		100
26) 2-Nitrophenol	10.09	139	71721	37.891	ng		94
27) 2,4-Dimethylphenol	10.13	122	130328	44.271	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	172706	36.295	ng		97
29) 2,4-Dichlorophenol	10.62	162	138606	41.819	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	131106	35.152	ng		95
31) Naphthalene	11.03	128	385599	36.034	ng		98
32) Benzoic acid	10.25	122	60948	32.607	ng		90
33) 4-Chloroaniline	11.14	127	61249	13.498	ng		95
34) Hexachlorobutadiene	11.29	225	84191	33.034	ng		93
35) Caprolactam	11.92	113	49858m	39.379	ng		
36) 4-Chloro-3-methylphenol	12.24	107	157148	41.361	ng		97
37) 2-Methylnaphthalene	12.62	142	299969	37.495	ng		98
38) 1-Methylnaphthalene	12.84	142	286328	36.828	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	164742	34.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	192594	74.912	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	118876	42.325	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	130569	41.243	ng		98
46) 1,1'-Biphenyl	13.62	154	409379	35.148	ng		99
47) 2-Chloronaphthalene	13.67	162	315479	36.005	ng		99
48) 2-Nitroaniline	13.87	65	113430	40.283	ng		96
49) Acenaphthylene	14.51	152	517573	35.983	ng		99
50) Dimethylphthalate	14.23	163	480717	40.597	ng		99
51) 2,6-Dinitrotoluene	14.36	165	97454	38.822	ng		97
52) Acenaphthene	14.85	154	315297	36.420	ng		99
53) 3-Nitroaniline	14.69	138	57667	22.853	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	109396	69.820	ng		99
55) Dibenzofuran	15.18	168	516796	36.384	ng		98
56) 4-Nitrophenol	14.99	139	173743	76.969	ng		93
57) 2,4-Dinitrotoluene	15.15	165	140013	39.695	ng		86
58) Fluorene	15.83	166	409372	36.662	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127927	41.376	ng		99
60) Diethylphthalate	15.58	149	442068	37.713	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	216950	36.410	ng		100
62) 4-Nitroaniline	15.86	138	105799	38.675	ng		90
63) Azobenzene	16.10	77	395765	37.246	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	78997	38.712	ng		100
66) n-Nitrosodiphenylamine	16.03	169	381454	38.178	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	144538	37.415	ng		94
68) Hexachlorobenzene	16.82	284	143766	35.902	ng		96
69) Atrazine	16.97	200	150559	38.288	ng		98
70) Pentachlorophenol	17.17	266	190308	75.251	ng		97
71) Phenanthrene	17.57	178	680731	35.809	ng		99
72) Anthracene	17.66	178	702660	37.930	ng		99
73) Carbazole	17.93	167	619929	37.120	ng		100
74) Di-n-butylphthalate	18.46	149	733900	37.350	ng		100
75) Fluoranthene	19.57	202	789265	35.131	ng		99
77) Benzidine	19.75	184	135308	12.679	ng		98
78) Pyrene	19.93	202	794320	36.350	ng		99
80) Butylbenzylphthalate	20.80	149	334297	39.486	ng		98
81) Benzo(a)anthracene	21.80	228	745012	35.349	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	144237	18.745	ng		98
83) Chrysene	21.87	228	717191	35.100	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	468780	39.403	ng		99
85) Di-n-octyl phthalate	22.92	149	804965	40.864	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	858080	37.018	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	755893	35.837	ng		98
89) Benzo(k)fluoranthene	24.18	252	723892	36.870	ng		98
90) Benzo(a)pyrene	25.03	252	732472	37.581	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	694976	36.372	ng		99
92) Benzo(g,h,i)perylene	30.30	276	711001	37.050	ng		99

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

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