Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042860.D
Acq On : 16 Sep 2019 22:23
Operator : HP/JU
Sample : K4851-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3C-(9-10)MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:47 PM

Quant Time: Sep 17 04:27:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	108482	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	426041	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	296911	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	675214	20.00	ng	0.00
76) Chrysene-d12	21.76	240	632767	20.00	ng	0.00
87) Perylene-d12	25.03	264	705976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	769833	123.37	ng	0.00
7) Phenol-d6	7.28	99	1154540	128.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	739264	90.34	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	489520	123.92	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1500677	80.01	ng	0.00
79) Terphenyl-d14	20.09	244	2227599	78.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	88380	31.035	ng	98
3) Pyridine	3.98	79	240358	28.033	ng	99
4) n-Nitrosodimethylamine	3.89	42	144981	34.750	ng	87
6) Aniline	7.44	93	270624	22.396	ng	94
8) 2-Chlorophenol	7.68	128	283739	42.067	ng	98
9) Benzaldehyde	7.25	77	200940	34.477	ng	96
10) Phenol	7.30	94	428767	46.682	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	274010	38.872	ng	97
12) 1,3-Dichlorobenzene	8.01	146	303409	36.881	ng	99
13) 1,4-Dichlorobenzene	8.15	146	312702	37.966	ng	99
14) 1,2-Dichlorobenzene	8.48	146	294283	37.535	ng	97
15) Benzyl Alcohol	8.35	79	300493	39.096	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	533577	34.469	ng	97
17) 2-Methylphenol	8.55	107	254634	41.439	ng	99
18) Hexachloroethane	9.21	117	114326	37.598	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	245633	37.220	ng	93
20) 3+4-Methylphenols	8.88	107	352845	41.656	ng	97
22) Acetophenone	8.93	105	436018	40.523	ng	97
24) Nitrobenzene	9.32	77	357709	41.645	ng	96
25) Isophorone	9.84	82	665838	39.035	ng	98
26) 2-Nitrophenol	10.03	139	164155	48.601	ng	93
27) 2,4-Dimethylphenol	10.09	122	280919	47.018	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	376074	39.535	ng	99
29) 2,4-Dichlorophenol	10.57	162	306884	44.200	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	334936	39.512	ng	99
31) Naphthalene	10.98	128	861121	40.937	ng	99
32) Benzoic acid	10.22	122	197395	41.736	ng	98
33) 4-Chloroaniline	11.07	127	163781	16.658	ng	97
34) Hexachlorobutadiene	11.27	225	226407	38.121	ng	97
35) Caprolactam	11.84	113	110642m	42.853	ng	
36) 4-Chloro-3-methylphenol	12.19	107	336813	44.678	ng	96
37) 2-Methylnaphthalene	12.58	142	655115	41.576	ng	97
38) 1-Methylnaphthalene	12.79	142	611359	41.367	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	407955	41.580	ng	99

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Quant Time: Sep 17 04:27:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	342491	60.935	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	277432	42.473	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	298763	44.655	ng		98
46) 1,1'-Biphenyl	13.58	154	859928	41.371	ng		98
47) 2-Chloronaphthalene	13.62	162	673788	39.186	ng		96
48) 2-Nitroaniline	13.81	65	254698	42.701	ng		96
49) Acenaphthylene	14.46	152	1081142	41.146	ng		96
50) Dimethylphthalate	14.19	163	1111022	49.951	ng		99
51) 2,6-Dinitrotoluene	14.30	165	204776	44.868	ng		94
52) Acenaphthene	14.80	154	737736	42.976	ng		99
53) 3-Nitroaniline	14.63	138	142521	27.824	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	146231	65.085	ng	#	80
55) Dibenzofuran	15.13	168	1053608	41.293	ng		97
56) 4-Nitrophenol	14.93	139	353073	89.150	ng		93
57) 2,4-Dinitrotoluene	15.09	165	280377	46.089	ng		96
58) Fluorene	15.78	166	860638	40.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	288413	44.469	ng		99
60) Diethylphthalate	15.55	149	869946	38.531	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	493591	39.478	ng		98
62) 4-Nitroaniline	15.79	138	208987	37.852	ng		96
63) Azobenzene	16.07	77	871848	40.101	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	127896	44.268	ng		97
66) n-Nitrosodiphenylamine	15.98	169	766776	42.201	ng		96
67) 4-Bromophenyl-phenylether	16.67	248	333299	40.783	ng		100
68) Hexachlorobenzene	16.79	284	350903	40.183	ng		97
69) Atrazine	16.93	200	298569	47.188	ng		100
70) Pentachlorophenol	17.12	266	464701	89.703	ng		94
71) Phenanthrene	17.52	178	1340058	41.499	ng		98
72) Anthracene	17.61	178	1366144	42.347	ng		98
73) Carbazole	17.88	167	1282029	41.811	ng		97
74) Di-n-butylphthalate	18.44	149	1452294	39.539	ng		98
75) Fluoranthene	19.53	202	1656576	39.583	ng		97
77) Benzidine	19.70	184	768315	43.460	ng		98
78) Pyrene	19.89	202	1667760	42.099	ng		97
80) Butylbenzylphthalate	20.77	149	665142	41.486	ng		97
81) Benzo(a)anthracene	21.74	228	1644540	40.876	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	437185	27.962	ng		98
83) Chrysene	21.81	228	1587225	41.650	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	924838	42.217	ng		99
85) Di-n-octyl phthalate	22.89	149	1571127	42.070	ng		99
86) Indeno(1,2,3-cd)pyrene	28.78	276	2008302	42.555	ng	#	92
88) Benzo(b)fluoranthene	24.00	252	1711606	41.290	ng		97
89) Benzo(k)fluoranthene	24.06	252	1670754	42.667	ng		96
90) Benzo(a)pyrene	24.88	252	1691273	43.572	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1666680	43.657	ng		100
92) Benzo(g,h,i)perylene	29.95	276	1636855	43.957	ng		98

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

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