Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044077.D
Acq On : 17 Jan 2020 16:41
Operator : JU
Sample : PB126138BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126138BSD

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:09 AM

Quant Time: Jan 18 03:26:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75630	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	322352	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	220775	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	493507	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	409935	20.00	ng		-0.03
87) Perylene-d12	24.67	264	469815	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	624029	151.50	ng		-0.03
7) Phenol-d6	7.11	99	831901	144.49	ng		-0.02
23) Nitrobenzene-d5	9.09	82	428434	71.10	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	334411	144.74	ng		-0.03
45) 2-Fluorobiphenyl	13.20	172	978241	80.28	ng		-0.03
79) Terphenyl-d14	19.93	244	1459428	86.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	109175	60.789	ng		98
3) Pyridine	3.79	79	191779	36.147	ng		94
4) n-Nitrosodimethylamine	3.70	42	94446	39.983	ng		99
6) Aniline	7.26	93	242969	32.128	ng		97
8) 2-Chlorophenol	7.50	128	238242	49.268	ng		96
9) Benzaldehyde	7.06	77	118659	32.200	ng		99
10) Phenol	7.13	94	296420	49.968	ng		100
11) bis(2-Chloroethyl)ether	7.35	93	216150	42.211	ng		99
12) 1,3-Dichlorobenzene	7.82	146	238118	42.080	ng		99
13) 1,4-Dichlorobenzene	7.97	146	240669	43.105	ng		100
14) 1,2-Dichlorobenzene	8.29	146	228559	42.649	ng		99
15) Benzyl Alcohol	8.17	79	202177	44.493	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	294997	37.237	ng		98
17) 2-Methylphenol	8.38	107	209845	48.882	ng		97
18) Hexachloroethane	9.02	117	89080	41.003	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	172294	40.182	ng	#	97
20) 3+4-Methylphenols	8.71	107	288227	48.129	ng		96
22) Acetophenone	8.75	105	323207	40.331	ng	#	98
24) Nitrobenzene	9.13	77	244141	40.908	ng		99
25) Isophorone	9.66	82	475447	42.057	ng		99
26) 2-Nitrophenol	9.84	139	137861	48.825	ng		98
27) 2,4-Dimethylphenol	9.91	122	236904	55.738	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	304441	40.394	ng		99
29) 2,4-Dichlorophenol	10.39	162	241679	47.669	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	230807	40.602	ng		98
31) Naphthalene	10.79	128	697910	44.740	ng		99
32) Benzoic acid	10.06	122	129388	38.767	ng		96
33) 4-Chloroaniline	10.89	127	174436	23.445	ng		96
34) Hexachlorobutadiene	11.08	225	133877	38.573	ng		98
35) Caprolactam	11.66	113	91613m	48.540	ng		
36) 4-Chloro-3-methylphenol	12.03	107	262654	48.665	ng		98
37) 2-Methylnaphthalene	12.40	142	526075	44.795	ng		96
38) 1-Methylnaphthalene	12.61	142	499541	44.880	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	248425	38.391	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	333795	99.498	ng		99
43) 2,4,6-Trichlorophenol	13.00	196	197564	44.371	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	213241	46.435	ng		99
46) 1,1'-Biphenyl	13.40	154	665841	42.064	ng		98
47) 2-Chloronaphthalene	13.44	162	519777	40.636	ng		98
48) 2-Nitroaniline	13.64	65	165554	40.237	ng		97
49) Acenaphthylene	14.29	152	841692	45.783	ng		96
50) Dimethylphthalate	14.02	163	684159	43.644	ng		98
51) 2,6-Dinitrotoluene	14.14	165	158841	44.831	ng		96
52) Acenaphthene	14.64	154	519122	40.264	ng		99
53) 3-Nitroaniline	14.47	138	119379	29.670	ng		99
54) 2,4-Dinitrophenol	14.68	184	192014	104.568	ng		96
55) Dibenzofuran	14.97	168	811306	45.711	ng		98
56) 4-Nitrophenol	14.79	139	302052	97.966	ng		94
57) 2,4-Dinitrotoluene	14.93	165	225856	46.847	ng		97
58) Fluorene	15.62	166	644348	45.804	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	188911	47.840	ng		97
60) Diethylphthalate	15.39	149	711175	45.359	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	332565	43.537	ng		98
62) 4-Nitroaniline	15.63	138	165831	41.736	ng		91
63) Azobenzene	15.90	77	645192	44.372	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135077	52.655	ng		97
66) n-Nitrosodiphenylamine	15.82	169	624886	42.997	ng		97
67) 4-Bromophenyl-phenylether	16.50	248	221075	39.830	ng		100
68) Hexachlorobenzene	16.63	284	234964	39.287	ng		97
69) Atrazine	16.77	200	229714	48.627	ng		100
70) Pentachlorophenol	16.97	266	267449	81.121	ng		99
71) Phenanthrene	17.36	178	1049477	44.336	ng		98
72) Anthracene	17.44	178	1079366	46.139	ng		97
73) Carbazole	17.71	167	954229	44.158	ng		97
74) Di-n-butylphthalate	18.28	149	1190121	43.136	ng		96
75) Fluoranthene	19.37	202	1188757	43.912	ng		97
77) Benzidine	19.54	184	497218	48.255	ng		99
78) Pyrene	19.72	202	1195191	44.667	ng		96
80) Butylbenzylphthalate	20.62	149	549607	43.143	ng		96
81) Benzo(a)anthracene	21.55	228	1134610	44.636	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	328227	32.684	ng		99
83) Chrysene	21.61	228	1083343	44.854	ng		96
84) Bis(2-ethylhexyl)phthalate	21.47	149	777451	44.229	ng		98
85) Di-n-octyl phthalate	22.64	149	1379275	46.674	ng		97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1382169	42.109	ng	#	91
88) Benzo(b)fluoranthene	23.69	252	1199318	43.181	ng		98
89) Benzo(k)fluoranthene	23.75	252	1130422	42.800	ng		98
90) Benzo(a)pyrene	24.53	252	1088187	41.512	ng		97
91) Dibenzo(a,h)anthracene	28.26	278	1143292	43.427	ng		97
92) Benzo(g,h,i)perylene	29.30	276	1146132	43.828	ng		97

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

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