Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044178.D
Acq On : 24 Jan 2020 12:34
Operator : CG/JU
Sample : PB126313BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126313BS

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:29 AM

Quant Time: Jan 27 04:17:48 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	76384	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	327952	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	221099	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	479896	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411991	20.00	ng	-0.03
87) Perylene-d12	24.66	264	469497	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	619029	148.80	ng	-0.03
7) Phenol-d6	7.10	99	831946	143.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	433060	70.64	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	322259	139.28	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	988412	80.99	ng	-0.04
79) Terphenyl-d14	19.92	244	1456101	85.29	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	72891	40.185	ng	100
3) Pyridine	3.79	79	184494	34.430	ng	94
4) n-Nitrosodimethylamine	3.70	42	92634	38.829	ng	99
6) Aniline	7.25	93	242877	31.799	ng	97
8) 2-Chlorophenol	7.50	128	227904	46.665	ng	98
9) Benzaldehyde	7.06	77	114750	30.832	ng	97
10) Phenol	7.13	94	284188	47.433	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	212125	41.016	ng	97
12) 1,3-Dichlorobenzene	7.82	146	229069	40.081	ng	98
13) 1,4-Dichlorobenzene	7.96	146	231864	41.118	ng	99
14) 1,2-Dichlorobenzene	8.28	146	221545	40.932	ng	98
15) Benzyl Alcohol	8.16	79	190236	41.452	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284081	35.505	ng	99
17) 2-Methylphenol	8.38	107	202132	46.621	ng	98
18) Hexachloroethane	9.02	117	87111	39.701	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	170608	39.397	ng	98
20) 3+4-Methylphenols	8.70	107	276010	45.634	ng	99
22) Acetophenone	8.75	105	315179	38.657	ng	98
24) Nitrobenzene	9.13	77	240779	39.656	ng	99
25) Isophorone	9.65	82	461773	40.150	ng	100
26) 2-Nitrophenol	9.84	139	127307	44.317	ng	99
27) 2,4-Dimethylphenol	9.91	122	226092	52.286	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	295124	38.489	ng	99
29) 2,4-Dichlorophenol	10.39	162	233804	45.329	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	228605	39.528	ng	99
31) Naphthalene	10.78	128	690679	43.521	ng	99
32) Benzoic acid	10.05	122	101971m	31.442	ng	
33) 4-Chloroaniline	10.88	127	170313	22.500	ng	99
34) Hexachlorobutadiene	11.08	225	132247	37.452	ng	100
35) Caprolactam	11.65	113	85278m	44.412	ng	
36) 4-Chloro-3-methylphenol	12.02	107	253701	46.203	ng	98
37) 2-Methylnaphthalene	12.39	142	525457	43.979	ng	96
38) 1-Methylnaphthalene	12.61	142	496451	43.841	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	245242	37.844	ng	99

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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	314999	93.758 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	182621	40.955 ng	99
44) 2,4,5-Trichlorophenol	13.08	196	200403	43.575 ng	99
46) 1,1'-Biphenyl	13.40	154	661795	41.747 ng	97
47) 2-Chloronaphthalene	13.44	162	511268	39.912 ng	98
48) 2-Nitroaniline	13.64	65	159846	38.792 ng	92
49) Acenaphthylene	14.29	152	829948	45.078 ng	96
50) Dimethylphthalate	14.02	163	660567	42.077 ng	97
51) 2,6-Dinitrotoluene	14.13	165	149616	42.165 ng	97
52) Acenaphthene	14.63	154	510995	39.576 ng	98
53) 3-Nitroaniline	14.46	138	112743	27.980 ng	99
54) 2,4-Dinitrophenol	14.67	184	144347	79.862 ng	98
55) Dibenzofuran	14.97	168	797636	44.875 ng	97
56) 4-Nitrophenol	14.79	139	275721	89.295 ng	95
57) 2,4-Dinitrotoluene	14.92	165	210956	43.693 ng	99
58) Fluorene	15.61	166	632495	44.896 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	176924	44.739 ng	97
60) Diethylphthalate	15.39	149	678956	43.240 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	323848	42.334 ng	98
62) 4-Nitroaniline	15.63	138	155778	39.149 ng	98
63) Azobenzene	15.90	77	638800	43.868 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	119667	48.362 ng	98
66) n-Nitrosodiphenylamine	15.82	169	591384	41.846 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	210150	38.936 ng	99
68) Hexachlorobenzene	16.62	284	228697	39.323 ng	99
69) Atrazine	16.77	200	215830	46.983 ng	100
70) Pentachlorophenol	16.97	266	233168	72.729 ng	99
71) Phenanthrene	17.35	178	1008330	43.806 ng	96
72) Anthracene	17.44	178	1037927	45.626 ng	97
73) Carbazole	17.71	167	922932	43.921 ng	96
74) Di-n-butylphthalate	18.28	149	1128783	42.073 ng	96
75) Fluoranthene	19.36	202	1150489	43.704 ng	96
77) Benzidine	19.54	184	478815	46.237 ng	98
78) Pyrene	19.72	202	1162890	43.243 ng	95
80) Butylbenzylphthalate	20.61	149	529916	41.389 ng	95
81) Benzo(a)anthracene	21.54	228	1105088	43.258 ng	96
82) 3,3'-Dichlorobenzidine	21.45	252	313270	31.039 ng	99
83) Chrysene	21.60	228	1052942	43.377 ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	747108	42.291 ng	98
85) Di-n-octyl phthalate	22.64	149	1297022	43.672 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1352140	40.988 ng	99
88) Benzo(b)fluoranthene	23.68	252	1172072	42.228 ng	98
89) Benzo(k)fluoranthene	23.75	252	1131153	42.857 ng	97
90) Benzo(a)pyrene	24.52	252	1072218	40.930 ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1110154	42.197 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1141520	43.681 ng	99

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

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