Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044172.D
Acq On : 23 Jan 2020 18:16
Operator : JU
Sample : PB126290BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BSD

Manual Integrations APPROVED
mohammad
1/24/2020 1:53:44 PM

Quant Time: Jan 24 05:43:41 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	75287	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	318910	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	217080	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	459986	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	388596	20.00	ng		-0.03
87) Perylene-d12	24.66	264	441228	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	424007	103.41	ng		-0.03
7) Phenol-d6	7.10	99	581189	101.40	ng		-0.03
23) Nitrobenzene-d5	9.08	82	464326	77.89	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	219419	96.59	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1066970	89.05	ng		-0.03
79) Terphenyl-d14	19.92	244	1531370	99.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	87457	48.918	ng		96
3) Pyridine	3.78	79	209790	39.721	ng		94
4) n-Nitrosodimethylamine	3.70	42	104896	44.609	ng		100
6) Aniline	7.25	93	264901	35.188	ng		96
8) 2-Chlorophenol	7.50	128	257683	53.531	ng		97
9) Benzaldehyde	7.06	77	129612	35.333	ng		98
10) Phenol	7.13	94	321956	54.520	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	232131	45.539	ng		100
12) 1,3-Dichlorobenzene	7.82	146	263175	46.720	ng		100
13) 1,4-Dichlorobenzene	7.96	146	263814	47.466	ng		98
14) 1,2-Dichlorobenzene	8.29	146	248981	46.671	ng		98
15) Benzyl Alcohol	8.17	79	212688	47.019	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	316734	40.163	ng		99
17) 2-Methylphenol	8.38	107	225130	52.682	ng		97
18) Hexachloroethane	9.01	117	99199	45.869	ng		99
19) n-Nitroso-di-n-propylamine	8.73	70	185778	43.525	ng		98
20) 3+4-Methylphenols	8.70	107	308125	51.686	ng		97
22) Acetophenone	8.75	105	350407	44.197	ng	#	98
24) Nitrobenzene	9.13	77	270364	45.791	ng		97
25) Isophorone	9.65	82	513529	45.916	ng		98
26) 2-Nitrophenol	9.84	139	144791	51.833	ng		98
27) 2,4-Dimethylphenol	9.91	122	249565	59.350	ng		96
28) bis(2-Chloroethoxy)methane	10.14	93	326765	43.824	ng		99
29) 2,4-Dichlorophenol	10.38	162	258841	51.605	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	252730	44.939	ng		99
31) Naphthalene	10.78	128	758510	49.150	ng		98
32) Benzoic acid	10.06	122	119804	36.684	ng		93
33) 4-Chloroaniline	10.89	127	188670	25.632	ng		96
34) Hexachlorobutadiene	11.08	225	146506	42.667	ng		100
35) Caprolactam	11.65	113	96240m	51.542	ng		
36) 4-Chloro-3-methylphenol	12.02	107	285411	53.452	ng		98
37) 2-Methylnaphthalene	12.39	142	576153	49.589	ng		95
38) 1-Methylnaphthalene	12.61	142	544058	49.407	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271951	42.742	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	12.74	237	359467	108.975	ng		100
43) 2,4,6-Trichlorophenol	13.00	196	208882	47.712	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	226047	50.061	ng		99
46) 1,1'-Biphenyl	13.40	154	730120	46.910	ng		97
47) 2-Chloronaphthalene	13.44	162	569680	45.296	ng		98
48) 2-Nitroaniline	13.64	65	178929	44.228	ng		98
49) Acenaphthylene	14.28	152	916655	50.709	ng		97
50) Dimethylphthalate	14.02	163	731784	47.477	ng		99
51) 2,6-Dinitrotoluene	14.13	165	169953	48.784	ng		97
52) Acenaphthene	14.63	154	564748	44.549	ng		97
53) 3-Nitroaniline	14.46	138	122055	30.852	ng		100
54) 2,4-Dinitrophenol	14.67	184	165472	92.325	ng		96
55) Dibenzofuran	14.97	168	876801	50.242	ng		97
56) 4-Nitrophenol	14.78	139	305315	100.710	ng		96
57) 2,4-Dinitrotoluene	14.92	165	234253	49.416	ng		99
58) Fluorene	15.61	166	693737	50.155	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	197449	50.853	ng		97
60) Diethylphthalate	15.39	149	752427	48.806	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	358001	47.665	ng		98
62) 4-Nitroaniline	15.63	138	170930	43.752	ng		97
63) Azobenzene	15.90	77	698026	48.823	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	132272	55.097	ng		97
66) n-Nitrosodiphenylamine	15.82	169	651522	48.097	ng		97
67) 4-Bromophenyl-phenylether	16.50	248	232241	44.891	ng		98
68) Hexachlorobenzene	16.62	284	251108	45.046	ng		100
69) Atrazine	16.77	200	235483	53.480	ng		99
70) Pentachlorophenol	16.96	266	270123	87.903	ng		99
71) Phenanthrene	17.35	178	1081676	49.026	ng		97
72) Anthracene	17.44	178	1109162	50.868	ng		97
73) Carbazole	17.71	167	988892	49.097	ng		97
74) Di-n-butylphthalate	18.28	149	1224625	47.622	ng		97
75) Fluoranthene	19.36	202	1232809	48.858	ng		97
77) Benzidine	19.54	184	511759	52.393	ng		98
78) Pyrene	19.72	202	1245511	49.103	ng		97
80) Butylbenzylphthalate	20.61	149	568630	47.087	ng		97
81) Benzo(a)anthracene	21.54	228	1176344	48.820	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	338481	35.556	ng		98
83) Chrysene	21.60	228	1136375	49.633	ng		96
84) Bis(2-ethylhexyl)phthalate	21.46	149	804165	48.261	ng		98
85) Di-n-octyl phthalate	22.63	149	1413243	50.450	ng		96
86) Indeno(1,2,3-cd)pyrene	28.19	276	1449240	46.576	ng	#	93
88) Benzo(b)fluoranthene	23.68	252	1251036	47.961	ng		98
89) Benzo(k)fluoranthene	23.75	252	1216828	49.057	ng		97
90) Benzo(a)pyrene	24.52	252	1158420	47.054	ng		97
91) Dibenzo(a,h)anthracene	28.24	278	1196846	48.407	ng		98
92) Benzo(g,h,i)perylene	29.28	276	1231802	50.156	ng		96

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

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