Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044215.D
Acq On : 27 Jan 2020 14:53
Operator : CG/JU
Sample : PB126367BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Manual Integrations APPROVED
mohammad
1/28/2020 1:12:36 PM

Quant Time: Jan 28 01:01:39 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	86162	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	386084	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	257426	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	515108	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	445311	20.00	ng		-0.02
87) Perylene-d12	24.67	264	494270	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	622699	132.70	ng		-0.03
7) Phenol-d6	7.11	99	834623	127.24	ng		-0.02
23) Nitrobenzene-d5	9.09	82	511784	70.91	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	321336	119.28	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1200799	84.51	ng		-0.03
79) Terphenyl-d14	19.93	244	1652454	91.18	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	86349	42.202	ng		96
3) Pyridine	3.79	79	207871	34.390	ng		93
4) n-Nitrosodimethylamine	3.70	42	104254	38.740	ng	#	94
6) Aniline	7.25	93	266231	30.901	ng		97
8) 2-Chlorophenol	7.50	128	269556	48.930	ng		96
9) Benzaldehyde	7.07	77	130135	30.998	ng		97
10) Phenol	7.13	94	330468	48.898	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	245983	42.166	ng		95
12) 1,3-Dichlorobenzene	7.82	146	271874	42.173	ng		99
13) 1,4-Dichlorobenzene	7.97	146	271438	42.673	ng		97
14) 1,2-Dichlorobenzene	8.29	146	260972	42.745	ng		98
15) Benzyl Alcohol	8.17	79	221977	42.879	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324476	35.951	ng		98
17) 2-Methylphenol	8.38	107	233068	47.655	ng		98
18) Hexachloroethane	9.02	117	101002	40.808	ng		96
19) n-Nitroso-di-n-propylamine	8.74	70	195336	39.988	ng		97
20) 3+4-Methylphenols	8.71	107	320414	46.963	ng		98
22) Acetophenone	8.75	105	368732	38.416	ng	#	97
24) Nitrobenzene	9.13	77	277141	38.772	ng		98
25) Isophorone	9.66	82	535292	39.534	ng		98
26) 2-Nitrophenol	9.84	139	151719	44.863	ng		96
27) 2,4-Dimethylphenol	9.91	122	261299	51.329	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	348938	38.656	ng		100
29) 2,4-Dichlorophenol	10.38	162	273044	44.966	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	276189	40.565	ng		98
31) Naphthalene	10.78	128	804561	43.063	ng		99
32) Benzoic acid	10.06	122	101921	27.640	ng		92
33) 4-Chloroaniline	10.89	127	218349	24.503	ng		98
34) Hexachlorobutadiene	11.08	225	160052	38.502	ng		96
35) Caprolactam	11.65	113	95625m	42.302	ng		
36) 4-Chloro-3-methylphenol	12.02	107	286079	44.255	ng		99
37) 2-Methylnaphthalene	12.39	142	614918	43.717	ng		97
38) 1-Methylnaphthalene	12.61	142	579611	43.478	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298392	39.547	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	365657	93.478	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	219284	42.238	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	229006	42.768	ng	97
46) 1,1'-Biphenyl	13.40	154	773487	41.907	ng	99
47) 2-Chloronaphthalene	13.45	162	607706	40.746	ng	98
48) 2-Nitroaniline	13.64	65	173921	36.252	ng	97
49) Acenaphthylene	14.29	152	951712	44.397	ng	98
50) Dimethylphthalate	14.02	163	753691	41.234	ng	99
51) 2,6-Dinitrotoluene	14.14	165	169190	40.953	ng	93
52) Acenaphthene	14.63	154	594099	39.519	ng	96
53) 3-Nitroaniline	14.47	138	133707	28.500	ng	97
54) 2,4-Dinitrophenol	14.68	184	149306	71.560	ng	90
55) Dibenzofuran	14.97	168	907482	43.851	ng	97
56) 4-Nitrophenol	14.79	139	290953	80.931	ng	93
57) 2,4-Dinitrotoluene	14.93	165	233588	41.553	ng	97
58) Fluorene	15.62	166	702556	42.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	196084	42.587	ng	95
60) Diethylphthalate	15.39	149	748009	40.915	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	374152	42.008	ng	97
62) 4-Nitroaniline	15.63	138	164197	35.441	ng	93
63) Azobenzene	15.90	77	679975	40.106	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	127355	47.988	ng	93
66) n-Nitrosodiphenylamine	15.83	169	651140	42.925	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	240970	41.594	ng	94
68) Hexachlorobenzene	16.63	284	259427	41.558	ng	94
69) Atrazine	16.77	200	232946	47.243	ng	99
70) Pentachlorophenol	16.97	266	260523	75.707	ng	98
71) Phenanthrene	17.36	178	1064344	43.078	ng	97
72) Anthracene	17.45	178	1088624	44.583	ng	97
73) Carbazole	17.71	167	966757	42.862	ng	96
74) Di-n-butylphthalate	18.28	149	1189886	41.319	ng	97
75) Fluoranthene	19.36	202	1230067	43.533	ng	96
77) Benzidine	19.54	184	372306	33.262	ng	98
78) Pyrene	19.73	202	1237458	42.572	ng	96
80) Butylbenzylphthalate	20.62	149	552493	39.924	ng	94
81) Benzo(a)anthracene	21.54	228	1186513	42.970	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	359632	32.967	ng	98
83) Chrysene	21.61	228	1131273	43.117	ng	95
84) Bis(2-ethylhexyl)phthalate	21.47	149	778501	40.771	ng	97
85) Di-n-octyl phthalate	22.64	149	1361064	42.399	ng	95
86) Indeno(1,2,3-cd)pyrene	28.20	276	1478070	41.453	ng	98
88) Benzo(b)fluoranthene	23.69	252	1249339	42.756	ng	96
89) Benzo(k)fluoranthene	23.76	252	1243744	44.761	ng	97
90) Benzo(a)pyrene	24.53	252	1158001	41.989	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1211706	43.749	ng	96
92) Benzo(g,h,i)perylene	29.30	276	1223914	44.487	ng	97

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

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