Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044052.D
Acq On : 15 Jan 2020 16:31
Operator : JU
Sample : PB126095BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126095BS

Manual Integrations APPROVED
mohammad
1/16/2020 2:25:46 PM

Quant Time: Jan 16 08:24:32 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	7.94	152	84259	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	356284	20.00	ng		-0.02
39) Acenaphthene-d10	14.57	164	237425	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	530730	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	464058	20.00	ng		-0.02
87) Perylene-d12	24.68	264	521193	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	416597	90.78	ng		-0.01
7) Phenol-d6	7.11	99	549740	85.70	ng		-0.01
23) Nitrobenzene-d5	9.10	82	529655	79.53	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	216644	87.19	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1201198	91.66	ng		-0.02
79) Terphenyl-d14	19.93	244	1831037	99.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	93901	46.930	ng		96
3) Pyridine	3.81	79	219396	37.117	ng		93
4) n-Nitrosodimethylamine	3.72	42	107557	40.870	ng		94
6) Aniline	7.27	93	281087	33.362	ng		98
8) 2-Chlorophenol	7.51	128	258115	47.911	ng		97
9) Benzaldehyde	7.07	77	149246	36.353	ng		98
10) Phenol	7.14	94	321454	48.639	ng		97
11) bis(2-Chloroethyl)ether	7.36	93	234234	41.058	ng		98
12) 1,3-Dichlorobenzene	7.84	146	268340	42.565	ng		98
13) 1,4-Dichlorobenzene	7.98	146	266740	42.882	ng		98
14) 1,2-Dichlorobenzene	8.29	146	256149	42.902	ng		97
15) Benzyl Alcohol	8.18	79	213254	42.124	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	312653	35.424	ng		98
17) 2-Methylphenol	8.39	107	222290	46.478	ng		98
18) Hexachloroethane	9.03	117	98138	40.546	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	184033	38.525	ng	#	96
20) 3+4-Methylphenols	8.72	107	305683	45.816	ng		97
22) Acetophenone	8.76	105	349385	39.445	ng	#	97
24) Nitrobenzene	9.14	77	261360	39.622	ng		97
25) Isophorone	9.67	82	502385	40.207	ng		99
26) 2-Nitrophenol	9.85	139	143322	45.925	ng		98
27) 2,4-Dimethylphenol	9.92	122	244392	52.023	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	319072	38.304	ng		98
29) 2,4-Dichlorophenol	10.39	162	258259	46.088	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	249491	39.709	ng		98
31) Naphthalene	10.80	128	744149	43.161	ng		99
32) Benzoic acid	10.06	122	125611	34.812	ng		92
33) 4-Chloroaniline	10.90	127	192184	23.370	ng		98
34) Hexachlorobutadiene	11.09	225	142922	37.257	ng		98
35) Caprolactam	11.66	113	98001m	46.980	ng		
36) 4-Chloro-3-methylphenol	12.03	107	272884	45.745	ng		98
37) 2-Methylnaphthalene	12.40	142	556387	42.864	ng		98
38) 1-Methylnaphthalene	12.62	142	529550	43.045	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	265318	38.126	ng		99

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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)
41) Hexachlorocyclopentadiene	12.76	237	355496	98.536 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	203504	42.500 ng	98
44) 2,4,5-Trichlorophenol	13.09	196	224300	45.418 ng	98
46) 1,1'-Biphenyl	13.41	154	706838	41.522 ng	99
47) 2-Chloronaphthalene	13.45	162	550086	39.990 ng	98
48) 2-Nitroaniline	13.65	65	169791	38.373 ng	93
49) Acenaphthylene	14.30	152	884940	44.759 ng	97
50) Dimethylphthalate	14.03	163	718808	42.639 ng	98
51) 2,6-Dinitrotoluene	14.15	165	165254	43.370 ng	95
52) Acenaphthene	14.64	154	555093	40.035 ng	98
53) 3-Nitroaniline	14.47	138	118556	27.399 ng	97
54) 2,4-Dinitrophenol	14.68	184	190727	97.002 ng	97
55) Dibenzofuran	14.97	168	844706	44.256 ng	97
56) 4-Nitrophenol	14.79	139	315739	95.223 ng	93
57) 2,4-Dinitrotoluene	14.93	165	234811	45.289 ng	98
58) Fluorene	15.63	166	677811	44.804 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	193928	45.666 ng	96
60) Diethylphthalate	15.40	149	729689	43.276 ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	348071	42.372 ng	96
62) 4-Nitroaniline	15.64	138	167991	39.315 ng	93
63) Azobenzene	15.91	77	657863	42.070 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	141548	51.420 ng	91
66) n-Nitrosodiphenylamine	15.83	169	635687	40.673 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	229748	38.490 ng	97
68) Hexachlorobenzene	16.64	284	250762	38.987 ng	95
69) Atrazine	16.78	200	243546	47.939 ng	97
70) Pentachlorophenol	16.98	266	293083	82.662 ng	99
71) Phenanthrene	17.36	178	1091847	42.891 ng	98
72) Anthracene	17.45	178	1131891	44.991 ng	97
73) Carbazole	17.72	167	1032671	44.437 ng	97
74) Di-n-butylphthalate	18.29	149	1271098	42.840 ng	97
75) Fluoranthene	19.37	202	1276242	43.837 ng	97
77) Benzidine	19.55	184	563307	48.293 ng	98
78) Pyrene	19.73	202	1283420	42.370 ng	97
80) Butylbenzylphthalate	20.62	149	589655	40.888 ng	95
81) Benzo(a)anthracene	21.55	228	1215137	42.229 ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	337929	29.726 ng	98
83) Chrysene	21.61	228	1171790	42.857 ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	830597	41.742 ng	98
85) Di-n-octyl phthalate	22.65	149	1425468	42.612 ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482556	39.899 ng	100
88) Benzo(b)fluoranthene	23.70	252	1266394	41.101 ng	98
89) Benzo(k)fluoranthene	23.76	252	1257451	42.917 ng	98
90) Benzo(a)pyrene	24.53	252	1176554	40.458 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1221063	41.809 ng	98
92) Benzo(g,h,i)perylene	29.31	276	1243194	42.853 ng	98

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

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