Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045785.D
Acq On : 17 Jun 2020 11:12
Operator : CG/JU
Sample : PB129567BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129567BS

Manual Integrations APPROVED
mohammad
6/19/2020 9:24:21 AM

Quant Time: Jun 17 12:21:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47847	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	194155	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	137414	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	340703	20.00	ng		0.00
76) Chrysene-d12	21.58	240	305091	20.00	ng		0.00
86) Perylene-d12	24.71	264	319343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	351440	124.08	ng		0.00
7) Phenol-d6	7.16	99	510283	118.44	ng		0.00
23) Nitrobenzene-d5	9.09	82	410956	96.70	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	237748	114.60	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	916186	97.98	ng		0.00
79) Terphenyl-d14	19.94	244	1450466	96.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	44055	33.959	ng		96
3) Pyridine	3.76	79	122598	31.891	ng		98
4) n-Nitrosodimethylamine	3.67	42	49411	38.292	ng	#	92
6) Aniline	7.25	93	159843	31.509	ng		96
8) 2-Chlorophenol	7.50	128	126292	41.655	ng		97
9) Benzaldehyde	7.05	77	77181	29.825	ng		97
10) Phenol	7.18	94	171673	41.123	ng		98
11) bis(2-Chloroethyl)ether	7.33	93	116915	36.872	ng		97
12) 1,3-Dichlorobenzene	7.80	146	134691	37.279	ng		97
13) 1,4-Dichlorobenzene	7.95	146	137607	38.130	ng		98
14) 1,2-Dichlorobenzene	8.27	146	128578	37.216	ng		100
15) Benzyl Alcohol	8.17	79	126399	37.911	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	107136	35.850	ng		86
17) 2-Methylphenol	8.42	107	116911	37.631	ng		97
18) Hexachloroethane	9.00	117	52854	38.561	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	105825	37.361	ng		98
20) 3+4-Methylphenols	8.75	107	155789	38.129	ng	#	84
22) Acetophenone	8.74	105	192873	36.193	ng	#	97
24) Nitrobenzene	9.12	77	164931	36.396	ng		98
25) Isophorone	9.64	82	291064	35.376	ng		99
26) 2-Nitrophenol	9.84	139	71135	37.679	ng		96
27) 2,4-Dimethylphenol	9.94	122	114846	39.845	ng		93
28) bis(2-Chloroethoxy)methane	10.13	93	159470	37.106	ng		98
29) 2,4-Dichlorophenol	10.41	162	131215	39.019	ng		96
30) 1,2,4-Trichlorobenzene	10.59	180	141968	35.661	ng		98
31) Naphthalene	10.77	128	387931	36.546	ng		100
32) Benzoic acid	10.13	122	63338	36.523	ng		93
33) 4-Chloroaniline	10.90	127	110746	24.914	ng		97
34) Hexachlorobutadiene	11.06	225	96387	34.043	ng		95
35) Caprolactam	11.66	113	43971m	40.406	ng		
36) 4-Chloro-3-methylphenol	12.08	107	154827	39.875	ng		98
37) 2-Methylnaphthalene	12.39	142	290923	36.806	ng		98
38) 1-Methylnaphthalene	12.60	142	280046	37.440	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	162782	35.976	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	171430	69.791	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	115319	37.591	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	121164	34.654	ng		99
46) 1,1'-Biphenyl	13.40	154	372013	37.814	ng		99
47) 2-Chloronaphthalene	13.44	162	290055	36.499	ng		97
48) 2-Nitroaniline	13.66	65	100520	38.026	ng		95
49) Acenaphthylene	14.29	152	474118	37.247	ng		99
50) Dimethylphthalate	14.03	163	402270	37.368	ng		100
51) 2,6-Dinitrotoluene	14.14	165	91042	37.654	ng		98
52) Acenaphthene	14.63	154	287048	37.203	ng		99
53) 3-Nitroaniline	14.49	138	66992	27.739	ng		90
54) 2,4-Dinitrophenol	14.70	184	104505	77.991	ng		95
55) Dibenzofuran	14.97	168	468215	37.355	ng		99
56) 4-Nitrophenol	14.88	139	123687	71.907	ng		92
57) 2,4-Dinitrotoluene	14.94	165	132706	38.308	ng		99
58) Fluorene	15.62	166	394794	37.879	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	119666m	39.434	ng		
60) Diethylphthalate	15.39	149	423568	38.490	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	215908	35.942	ng		100
62) 4-Nitroaniline	15.66	138	90410	36.477	ng		95
63) Azobenzene	15.91	77	400606	37.913	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	83815	39.807	ng		99
66) n-Nitrosodiphenylamine	15.83	169	347791	36.040	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	150175	33.923	ng		99
68) Hexachlorobenzene	16.63	284	163507	35.618	ng		96
69) Atrazine	16.79	200	133590	35.675	ng		99
70) Pentachlorophenol	16.99	266	152949	68.745	ng		95
71) Phenanthrene	17.36	178	643064	36.597	ng		100
72) Anthracene	17.45	178	648428	37.058	ng		99
73) Carbazole	17.73	167	605217	36.326	ng		99
74) Di-n-butylphthalate	18.28	149	724930	36.748	ng		99
75) Fluoranthene	19.38	202	797495	36.909	ng		99
77) Benzidine	19.56	184	408150	51.460	ng		97
78) Pyrene	19.74	202	782487	38.301	ng		99
80) Butylbenzylphthalate	20.62	149	309373	36.178	ng		92
81) Benzo(a)anthracene	21.56	228	720809	36.441	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	208517	27.869	ng		99
83) Chrysene	21.62	228	698896	36.531	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	431921	36.312	ng		99
85) Di-n-octyl phthalate	22.65	149	740815	36.106	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	908729	39.252	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	760059	37.960	ng		97
89) Benzo(k)fluoranthene	23.78	252	760577	39.689	ng		97
90) Benzo(a)pyrene	24.56	252	703185	37.596	ng		100
91) Dibenzo(a,h)anthracene	28.32	278	749072	40.349	ng		98
92) Benzo(g,h,i)perylene	29.37	276	738355	39.735	ng		97

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

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