Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045878.D
Acq On : 29 Jun 2020 16:15
Operator : CG/JU
Sample : PB129825BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:18 PM

Quant Time: Jun 29 17:21:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	43204	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	173556	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	128453	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	314267	20.00	ng		0.00
76) Chrysene-d12	21.58	240	314012	20.00	ng		0.00
86) Perylene-d12	24.70	264	332450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	325037	127.09	ng		0.00
7) Phenol-d6	7.13	99	458619	117.89	ng		0.00
23) Nitrobenzene-d5	9.07	82	301295	79.31	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	230698	118.96	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	684676	78.33	ng		0.00
79) Terphenyl-d14	19.93	244	1308132	84.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	38482	32.851	ng		95
3) Pyridine	3.76	79	110131	31.727	ng		98
4) n-Nitrosodimethylamine	3.67	42	48894	41.963	ng		99
6) Aniline	7.24	93	149790	32.700	ng		98
8) 2-Chlorophenol	7.49	128	118450	43.267	ng		96
9) Benzaldehyde	7.05	77	53646	22.958	ng		96
10) Phenol	7.16	94	160513	42.582	ng		97
11) bis(2-Chloroethyl)ether	7.33	93	108163	37.778	ng		98
12) 1,3-Dichlorobenzene	7.81	146	127629	39.121	ng		95
13) 1,4-Dichlorobenzene	7.95	146	127952	39.265	ng		94
14) 1,2-Dichlorobenzene	8.27	146	120516	38.631	ng		97
15) Benzyl Alcohol	8.16	79	120332	39.970	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	105979	39.274	ng		79
17) 2-Methylphenol	8.40	107	107898	38.463	ng		95
18) Hexachloroethane	9.00	117	50208	40.567	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	102917	40.239	ng	#	96
20) 3+4-Methylphenols	8.73	107	144103	39.059	ng	#	84
22) Acetophenone	8.74	105	184395	38.709	ng		94
24) Nitrobenzene	9.12	77	158482	39.124	ng		98
25) Isophorone	9.64	82	281259	38.242	ng		98
26) 2-Nitrophenol	9.83	139	68364	40.510	ng		96
27) 2,4-Dimethylphenol	9.92	122	111497	43.274	ng		90
28) bis(2-Chloroethoxy)methane	10.13	93	151627	39.468	ng		99
29) 2,4-Dichlorophenol	10.40	162	124045	41.265	ng		96
30) 1,2,4-Trichlorobenzene	10.58	180	136874	38.462	ng		97
31) Naphthalene	10.77	128	370514	39.049	ng		99
32) Benzoic acid	10.11	122	67390	41.764	ng		93
33) 4-Chloroaniline	10.89	127	94560	23.798	ng		98
34) Hexachlorobutadiene	11.06	225	94602	37.379	ng		96
35) Caprolactam	11.66	113	44967m	46.226	ng		
36) 4-Chloro-3-methylphenol	12.05	107	148448	42.770	ng		99
37) 2-Methylnaphthalene	12.38	142	285496	40.407	ng		98
38) 1-Methylnaphthalene	12.60	142	273554	40.913	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	159482	37.706	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	173685	74.936 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	107177	37.374 ng	99
44) 2,4,5-Trichlorophenol	13.10	196	115195	35.245 ng	97
46) 1,1'-Biphenyl	13.39	154	361653	39.325 ng	98
47) 2-Chloronaphthalene	13.44	162	274994	37.017 ng	95
48) 2-Nitroaniline	13.65	65	99516	40.272 ng	97
49) Acenaphthylene	14.28	152	464073	39.001 ng	99
50) Dimethylphthalate	14.02	163	399878	39.738 ng	100
51) 2,6-Dinitrotoluene	14.14	165	89850	39.754 ng	94
52) Acenaphthene	14.63	154	282824	39.212 ng	96
53) 3-Nitroaniline	14.48	138	65306	28.928 ng	96
54) 2,4-Dinitrophenol	14.70	184	103419	81.989 ng	98
55) Dibenzofuran	14.97	168	462973	39.513 ng	100
56) 4-Nitrophenol	14.85	139	110345	68.807 ng	97
57) 2,4-Dinitrotoluene	14.94	165	132319	40.860 ng	94
58) Fluorene	15.61	166	392111	40.246 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	116225	40.972 ng	99
60) Diethylphthalate	15.38	149	419622	40.791 ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	214183	38.142 ng	98
62) 4-Nitroaniline	15.65	138	89974	38.833 ng	90
63) Azobenzene	15.90	77	406916	41.196 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	86162	44.364 ng	98
66) n-Nitrosodiphenylamine	15.82	169	349584	39.273 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	152843	37.430 ng	97
68) Hexachlorobenzene	16.63	284	164222	38.783 ng	95
69) Atrazine	16.78	200	136836	39.616 ng	100
70) Pentachlorophenol	16.98	266	127232	62.746 ng	96
71) Phenanthrene	17.36	178	648692	40.023 ng	99
72) Anthracene	17.45	178	659297	40.849 ng	100
73) Carbazole	17.73	167	619796	40.330 ng	98
74) Di-n-butylphthalate	18.28	149	758953	41.709 ng	99
75) Fluoranthene	19.37	202	850033	42.650 ng	100
77) Benzidine	19.55	184	386857	47.389 ng	99
78) Pyrene	19.73	202	834752	39.698 ng	99
80) Butylbenzylphthalate	20.62	149	337682	38.366 ng	97
81) Benzo(a)anthracene	21.56	228	795569	39.078 ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	220737	28.664 ng	97
83) Chrysene	21.62	228	772576	39.235 ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	483989	39.533 ng	94
85) Di-n-octyl phthalate	22.64	149	839214	39.740 ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1013843	42.066 ng	100
88) Benzo(b)fluoranthene	23.72	252	883973	42.408 ng	98
89) Benzo(k)fluoranthene	23.78	252	831359	41.673 ng	97
90) Benzo(a)pyrene	24.55	252	791317	40.640 ng	98
91) Dibenzo(a,h)anthracene	28.31	278	825098	42.692 ng	99
92) Benzo(g,h,i)perylene	29.36	276	827299	42.767 ng	99

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

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