Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043354.D
Acq On : 28 Oct 2019 17:39
Operator : JU
Sample : PB124310BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124310BSD

Manual Integrations APPROVED
mohammad
10/29/2019 3:34:38 PM

Quant Time: Oct 29 13:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31438	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	128085	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	102412	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	241610	20.00	ng		0.00
76) Chrysene-d12	21.66	240	274282	20.00	ng		0.00
87) Perylene-d12	24.86	264	326721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	236696	137.96	ng		0.00
7) Phenol-d6	7.22	99	318187	128.90	ng		0.02
23) Nitrobenzene-d5	9.19	82	156938	63.17	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	207741	106.59	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	435133	58.71	ng		0.00
79) Terphenyl-d14	20.00	244	886671	60.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30433	45.520	ng		96
3) Pyridine	3.89	79	67935	40.282	ng		95
4) n-Nitrosodimethylamine	3.80	42	41823	49.145	ng	#	90
6) Aniline	7.35	93	103677	36.461	ng		98
8) 2-Chlorophenol	7.60	128	94554	49.927	ng		95
9) Benzaldehyde	7.17	77	52604	43.364	ng		90
10) Phenol	7.24	94	115325	51.128	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	77506	44.444	ng		91
12) 1,3-Dichlorobenzene	7.91	146	106214	44.762	ng		99
13) 1,4-Dichlorobenzene	8.06	146	106503	44.363	ng		98
14) 1,2-Dichlorobenzene	8.38	146	101192	43.170	ng		97
15) Benzyl Alcohol	8.27	79	81049	46.753	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	107750	42.492	ng		99
17) 2-Methylphenol	8.49	107	80598	49.016	ng		97
18) Hexachloroethane	9.10	117	37613	43.425	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	68166	42.737	ng		99
20) 3+4-Methylphenols	8.82	107	107100	47.499	ng		88
22) Acetophenone	8.85	105	134757	41.083	ng		99
24) Nitrobenzene	9.23	77	105132	44.421	ng		98
25) Isophorone	9.74	82	193407	42.579	ng		99
26) 2-Nitrophenol	9.94	139	54421	47.629	ng		90
27) 2,4-Dimethylphenol	10.02	122	85377	52.133	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	103186	41.160	ng		98
29) 2,4-Dichlorophenol	10.49	162	99659	47.495	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	112819	42.660	ng		98
31) Naphthalene	10.88	128	285191	43.865	ng		99
32) Benzoic acid	10.17	122	40304	35.204	ng		91
33) 4-Chloroaniline	11.00	127	57665	21.637	ng		99
34) Hexachlorobutadiene	11.17	225	79419	40.624	ng		96
35) Caprolactam	11.77	113	28193	39.012	ng	#	90
36) 4-Chloro-3-methylphenol	12.13	107	104525	45.668	ng		98
37) 2-Methylnaphthalene	12.48	142	221348	44.372	ng		96
38) 1-Methylnaphthalene	12.70	142	211467	44.553	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	140964	37.192	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	192639	96.756	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	91734	41.099	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	97755	43.321	ng		97
46) 1,1'-Biphenyl	13.49	154	296413	38.046	ng		96
47) 2-Chloronaphthalene	13.53	162	229768	38.760	ng		99
48) 2-Nitroaniline	13.74	65	67237	37.950	ng		98
49) Acenaphthylene	14.37	152	372431	40.368	ng		96
50) Dimethylphthalate	14.10	163	306296	38.613	ng		100
51) 2,6-Dinitrotoluene	14.22	165	69649	40.416	ng		97
52) Acenaphthene	14.72	154	220336	39.162	ng		98
53) 3-Nitroaniline	14.56	138	40728	24.478	ng		91
54) 2,4-Dinitrophenol	14.77	184	76178	71.627	ng		93
55) Dibenzofuran	15.05	168	364284	39.926	ng		99
56) 4-Nitrophenol	14.90	139	100137	89.810	ng		93
57) 2,4-Dinitrotoluene	15.02	165	97899	39.751	ng		97
58) Fluorene	15.70	166	302137	39.483	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98724	41.178	ng	#	98
60) Diethylphthalate	15.46	149	309179	38.791	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	178765	40.044	ng		99
62) 4-Nitroaniline	15.73	138	60530	35.226	ng		97
63) Azobenzene	15.98	77	254603	39.469	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60242	42.368	ng		98
66) n-Nitrosodiphenylamine	15.90	169	272682	39.975	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	124096	38.165	ng		97
68) Hexachlorobenzene	16.71	284	139255	37.310	ng		95
69) Atrazine	16.85	200	118726	50.090	ng		95
70) Pentachlorophenol	17.05	266	157114	92.382	ng		96
71) Phenanthrene	17.44	178	487475	39.401	ng		98
72) Anthracene	17.53	178	511575	41.327	ng		100
73) Carbazole	17.81	167	454033	40.503	ng		99
74) Di-n-butylphthalate	18.35	149	550416	40.467	ng		99
75) Fluoranthene	19.45	202	668066	41.419	ng		99
77) Benzidine	19.63	184	297420	53.880	ng		98
78) Pyrene	19.81	202	680172	40.063	ng		100
80) Butylbenzylphthalate	20.69	149	249903	38.852	ng		98
81) Benzo(a)anthracene	21.64	228	698428	40.652	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	198546	29.878	ng		97
83) Chrysene	21.71	228	682379	39.974	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	371648	40.675	ng		99
85) Di-n-octyl phthalate	22.75	149	628776	40.562	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	880854	41.108	ng		99
88) Benzo(b)fluoranthene	23.85	252	742580m	40.130	ng		
89) Benzo(k)fluoranthene	23.92	252	747212	40.111	ng		100
90) Benzo(a)pyrene	24.71	252	683549	38.683	ng		97
91) Dibenzo(a,h)anthracene	28.56	278	746877	41.323	ng		99
92) Benzo(g,h,i)perylene	29.64	276	735539	41.257	ng		97

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

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