Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043699.D
Acq On : 19 Nov 2019 15:40
Operator : JU
Sample : PB124903BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124903BS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:10 AM

Quant Time: Nov 20 02:51:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31147	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	128430	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	96810	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	230404	20.00	ng	0.00
76) Chrysene-d12	21.63	240	262760	20.00	ng	0.00
87) Perylene-d12	24.81	264	302259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	240748	141.64	ng	0.00
7) Phenol-d6	7.19	99	324234	132.58	ng	0.00
23) Nitrobenzene-d5	9.15	82	166453	66.82	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	209881	113.92	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	460320	65.70	ng	0.00
79) Terphenyl-d14	19.98	244	949249	67.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	20958	31.641	ng	88
3) Pyridine	3.85	79	55439	33.180	ng	97
4) n-Nitrosodimethylamine	3.76	42	42425	50.318	ng	97
6) Aniline	7.32	93	112959	40.097	ng	99
8) 2-Chlorophenol	7.57	128	96806	51.593	ng	97
9) Benzaldehyde	7.13	77	41026	34.136	ng	96
10) Phenol	7.22	94	117092	52.397	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	73619	42.610	ng	94
12) 1,3-Dichlorobenzene	7.88	146	97730	41.572	ng	98
13) 1,4-Dichlorobenzene	8.03	146	100075	42.075	ng	99
14) 1,2-Dichlorobenzene	8.34	146	98906	42.589	ng	93
15) Benzyl Alcohol	8.24	79	84745	49.342	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	109341	43.522	ng	99
17) 2-Methylphenol	8.46	107	81783	50.201	ng	93
18) Hexachloroethane	9.07	117	36183	42.164	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	69051	43.696	ng	97
20) 3+4-Methylphenols	8.79	107	110973	49.676	ng	98
22) Acetophenone	8.81	105	139493	42.412	ng	96
24) Nitrobenzene	9.20	77	106887	45.041	ng	96
25) Isophorone	9.72	82	198560	43.596	ng	99
26) 2-Nitrophenol	9.91	139	54222	47.327	ng	95
27) 2,4-Dimethylphenol	9.98	122	91543	55.748	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	107737	42.860	ng	96
29) 2,4-Dichlorophenol	10.46	162	102196	48.573	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	114906	43.332	ng	97
31) Naphthalene	10.85	128	293641	45.044	ng	99
32) Benzoic acid	10.18	122	45766	38.669	ng	95
33) 4-Chloroaniline	10.98	127	51261	19.183	ng	95
34) Hexachlorobutadiene	11.13	225	79359	40.484	ng	99
35) Caprolactam	11.75	113	33164m	45.768	ng	
36) 4-Chloro-3-methylphenol	12.11	107	110113	47.980	ng	92
37) 2-Methylnaphthalene	12.45	142	227779	45.538	ng	98
38) 1-Methylnaphthalene	12.67	142	216061	45.398	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	146715	40.950	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	162652	86.422	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	94989	45.020	ng		89
44) 2,4,5-Trichlorophenol	13.16	196	101648	47.652	ng		98
46) 1,1'-Biphenyl	13.46	154	305084	41.425	ng		98
47) 2-Chloronaphthalene	13.50	162	240432	42.906	ng		97
48) 2-Nitroaniline	13.71	65	74145	44.271	ng		98
49) Acenaphthylene	14.35	152	388291	44.522	ng		98
50) Dimethylphthalate	14.08	163	319022	42.544	ng		98
51) 2,6-Dinitrotoluene	14.20	165	72194	44.316	ng		94
52) Acenaphthene	14.69	154	232335	43.684	ng		98
53) 3-Nitroaniline	14.54	138	52117	33.136	ng	#	97
54) 2,4-Dinitrophenol	14.75	184	85336	83.534	ng		94
55) Dibenzofuran	15.02	168	382431	44.341	ng		99
56) 4-Nitrophenol	14.88	139	99423	94.329	ng		89
57) 2,4-Dinitrotoluene	14.99	165	104742	44.990	ng	#	96
58) Fluorene	15.67	166	317338	43.869	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	101542	44.805	ng		97
60) Diethylphthalate	15.44	149	321088	42.616	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	182383	43.219	ng		96
62) 4-Nitroaniline	15.71	138	71224	43.848	ng		97
63) Azobenzene	15.95	77	270680	44.390	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	67008	49.418	ng		95
66) n-Nitrosodiphenylamine	15.88	169	283434	43.572	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	129998	41.925	ng		98
68) Hexachlorobenzene	16.68	284	143797	40.401	ng		96
69) Atrazine	16.83	200	119218	52.744	ng		99
70) Pentachlorophenol	17.03	266	146548	90.361	ng		98
71) Phenanthrene	17.42	178	517161	43.833	ng		99
72) Anthracene	17.50	178	535330	45.350	ng		100
73) Carbazole	17.78	167	480534	44.952	ng		99
74) Di-n-butylphthalate	18.33	149	570236	43.964	ng		99
75) Fluoranthene	19.42	202	704420	45.797	ng		100
77) Benzidine	19.61	184	155618	29.428	ng		99
78) Pyrene	19.78	202	711748	43.761	ng		99
80) Butylbenzylphthalate	20.66	149	264823	42.977	ng		99
81) Benzo(a)anthracene	21.62	228	738415	44.864	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	248571	39.046	ng		98
83) Chrysene	21.68	228	708002	43.294	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	387890	44.314	ng		97
85) Di-n-octyl phthalate	22.70	149	668313	45.003	ng		98
86) Indeno(1,2,3-cd)pyrene	28.44	276	920211	44.828	ng	#	96
88) Benzo(b)fluoranthene	23.81	252	759298	44.354	ng		99
89) Benzo(k)fluoranthene	23.87	252	782504	45.405	ng		100
90) Benzo(a)pyrene	24.67	252	722265	44.182	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	776728	46.452	ng		100
92) Benzo(g,h,i)perylene	29.58	276	772607	46.843	ng		99

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

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