Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002692.D
Acq On : 09 Jul 2020 11:47
Operator : CG/JU
Sample : PB130021BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130021BS

Quant Time: Jul 09 13:54:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	207784	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	775414	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	436327	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	854729	20.00	ng		0.00
76) Chrysene-d12	21.09	240	739767	20.00	ng		0.00
86) Perylene-d12	23.28	264	795616	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1593244	129.82	ng		0.00
7) Phenol-d6	6.78	99	2035459	118.83	ng		0.00
23) Nitrobenzene-d5	8.72	82	1293193	85.93	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	569062	107.23	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	2473863	83.45	ng		0.00
79) Terphenyl-d14	19.57	244	3062693	89.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	206711	39.300	ng		97
3) Pyridine	3.52	79	593376	38.063	ng		99
4) n-Nitrosodimethylamine	3.44	42	264019	39.898	ng		86
6) Aniline	6.90	93	783124	36.393	ng		98
8) 2-Chlorophenol	7.15	128	604087	44.313	ng		99
9) Benzaldehyde	6.72	77	206648	20.711	ng		97
10) Phenol	6.80	94	766845	44.394	ng		94
11) bis(2-Chloroethyl)ether	7.00	93	620757	43.785	ng		99
12) 1,3-Dichlorobenzene	7.46	146	657787	41.815	ng		99
13) 1,4-Dichlorobenzene	7.60	146	664379	41.456	ng		98
14) 1,2-Dichlorobenzene	7.92	146	621831	40.309	ng		99
15) Benzyl Alcohol	7.81	79	494738	38.439	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	844713	42.764	ng		98
17) 2-Methylphenol	8.03	107	499547	38.637	ng		97
18) Hexachloroethane	8.63	117	242372	41.903	ng		99
19) n-Nitroso-di-n-propylamine	8.38	70	426980	37.992	ng		97
20) 3+4-Methylphenols	8.36	107	647309	37.135	ng		98
22) Acetophenone	8.39	105	809956	41.269	ng	#	96
24) Nitrobenzene	8.76	77	674384	42.336	ng		99
25) Isophorone	9.28	82	1208975	40.082	ng		99
26) 2-Nitrophenol	9.46	139	317142	43.655	ng		96
27) 2,4-Dimethylphenol	9.55	122	503597	45.748	ng		98
28) bis(2-Chloroethoxy)methane	9.77	93	776543	44.819	ng		100
29) 2,4-Dichlorophenol	10.00	162	540331	42.590	ng		96
30) 1,2,4-Trichlorobenzene	10.21	180	595348	41.683	ng		97
31) Naphthalene	10.39	128	1706685	41.577	ng		99
32) Benzoic acid	9.72	122	272466	34.501	ng		99
33) 4-Chloroaniline	10.50	127	374974	20.884	ng		100
34) Hexachlorobutadiene	10.69	225	344381	39.393	ng		97
35) Caprolactam	11.27	113	165314	38.764	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	550996	39.626	ng		99
37) 2-Methylnaphthalene	12.02	142	1201235	40.135	ng		97
38) 1-Methylnaphthalene	12.23	142	1133027	40.195	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	594392	43.627	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	604816	84.764	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	405004	43.933	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	420860	39.658	ng	98
46) 1,1'-Biphenyl	13.05	154	1428671	43.286	ng	99
47) 2-Chloronaphthalene	13.08	162	1134673	42.233	ng	97
48) 2-Nitroaniline	13.29	65	358241	41.797	ng	95
49) Acenaphthylene	13.93	152	1806880	42.733	ng	99
50) Dimethylphthalate	13.69	163	1357633	39.616	ng	100
51) 2,6-Dinitrotoluene	13.80	165	307640	41.565	ng	97
52) Acenaphthene	14.28	154	1058911	42.447	ng	99
53) 3-Nitroaniline	14.13	138	221704	27.510	ng	96
54) 2,4-Dinitrophenol	14.35	184	275170	61.170	ng	90
55) Dibenzofuran	14.62	168	1665164	41.188	ng	98
56) 4-Nitrophenol	14.48	139	460629	72.636	ng	90
57) 2,4-Dinitrotoluene	14.60	165	405009	40.678	ng	99
58) Fluorene	15.27	166	1220550	39.641	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	356583	41.595	ng	98
60) Diethylphthalate	15.06	149	1313178	38.535	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	628460	38.061	ng	94
62) 4-Nitroaniline	15.30	138	316294	39.268	ng	89
63) Azobenzene	15.57	77	1400551	42.505	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	220423	40.515	ng	98
66) n-Nitrosodiphenylamine	15.49	169	1153962	46.248	ng	98
67) 4-Bromophenyl-phenylether	16.17	248	400742	41.722	ng	96
68) Hexachlorobenzene	16.29	284	442426	42.996	ng	99
69) Atrazine	16.46	200	362531	45.281	ng	98
70) Pentachlorophenol	16.65	266	430385	73.414	ng	98
71) Phenanthrene	17.02	178	1995388	43.389	ng	99
72) Anthracene	17.11	178	2048466	44.763	ng	98
73) Carbazole	17.39	167	1868394	42.245	ng	99
74) Di-n-butylphthalate	17.96	149	2195574	42.153	ng	99
75) Fluoranthene	19.01	202	2288192	41.106	ng	99
77) Benzidine	19.19	184	1028365	59.418	ng	99
78) Pyrene	19.36	202	2311420	45.904	ng	100
80) Butylbenzylphthalate	20.25	149	960711	43.703	ng	99
81) Benzo(a)anthracene	21.07	228	2087848	43.170	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	613244	34.634	ng	95
83) Chrysene	21.12	228	1990617	42.923	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1345336	42.619	ng	98
85) Di-n-octyl phthalate	21.89	149	2394758	42.952	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2764549	48.259	ng	97
88) Benzo(b)fluoranthene	22.63	252	2258054	44.478	ng	99
89) Benzo(k)fluoranthene	22.67	252	2131099	44.997	ng	98
90) Benzo(a)pyrene	23.19	252	2077657	44.597	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	2284952	48.813	ng	97
92) Benzo(g,h,i)perylene	26.17	276	2292581	48.971	ng	97

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

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