Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
Data File : BP003131.D
Acq On : 27 Aug 2020 14:40
Operator : CG/JU
Sample : PB131234BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131234BS

Quant Time: Aug 27 15:08:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	220257	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	846611	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	496652	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1016675	20.00	ng	0.00
76) Chrysene-d12	21.15	240	979588	20.00	ng	0.00
86) Perylene-d12	23.39	264	1108600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1236560	99.26	ng	0.00
7) Phenol-d6	6.85	99	1450043	92.85	ng	0.00
23) Nitrobenzene-d5	8.81	82	836910	71.26	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	686290	102.17	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2458400	72.49	ng	0.00
79) Terphenyl-d14	19.63	244	3216150	72.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	240960	50.593	ng	99
3) Pyridine	3.59	79	348070	27.770	ng	99
4) n-Nitrosodimethylamine	3.51	42	126991	38.799	ng	94
6) Aniline	6.99	93	630680	37.093	ng	100
8) 2-Chlorophenol	7.23	128	571192	41.127	ng	99
9) Benzaldehyde	6.80	77	273477	37.561	ng	100
10) Phenol	6.87	94	584799	40.408	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	437320	38.178	ng	99
12) 1,3-Dichlorobenzene	7.55	146	616801	36.525	ng	99
13) 1,4-Dichlorobenzene	7.70	146	627919	36.832	ng	99
14) 1,2-Dichlorobenzene	8.01	146	603164	37.318	ng	99
15) Benzyl Alcohol	7.90	79	366258	41.625	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	351577	36.218	ng	99
17) 2-Methylphenol	8.11	107	424465	41.170	ng	99
18) Hexachloroethane	8.74	117	203836	36.547	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	276656	39.210	ng	99
20) 3+4-Methylphenols	8.43	107	570894	41.097	ng	98
22) Acetophenone	8.48	105	710996	37.711	ng	99
24) Nitrobenzene	8.85	77	448231	38.860	ng	99
25) Isophorone	9.38	82	850632	41.053	ng	100
26) 2-Nitrophenol	9.56	139	289456	42.103	ng	98
27) 2,4-Dimethylphenol	9.63	122	491432	47.550	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	566019	36.676	ng	98
29) 2,4-Dichlorophenol	10.09	162	529792	41.318	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	569406	37.297	ng	99
31) Naphthalene	10.49	128	1679365	38.609	ng	100
32) Benzoic acid	9.78	122	273308	36.774	ng	95
33) 4-Chloroaniline	10.60	127	501569	27.599	ng	98
34) Hexachlorobutadiene	10.79	225	334798	36.540	ng	99
35) Caprolactam	11.36	113	155380	40.325	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	491723	41.073	ng	100
37) 2-Methylnaphthalene	12.11	142	1223340	39.316	ng	100
38) 1-Methylnaphthalene	12.33	142	1147287	38.793	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	597770	40.608	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	747544	107.429	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	407070	42.056	ng	100
44) 2,4,5-Trichlorophenol	12.80	196	446819	43.642	ng	99
46) 1,1'-Biphenyl	13.13	154	1523633	40.900	ng	99
47) 2-Chloronaphthalene	13.17	162	1168204	38.310	ng	100
48) 2-Nitroaniline	13.37	65	227706	39.882	ng	96
49) Acenaphthylene	14.02	152	1888951	40.966	ng	100
50) Dimethylphthalate	13.76	163	1461874	38.598	ng	99
51) 2,6-Dinitrotoluene	13.87	165	325015	41.290	ng	98
52) Acenaphthene	14.37	154	1115891	39.393	ng	99
53) 3-Nitroaniline	14.20	138	270329	30.312	ng	99
54) 2,4-Dinitrophenol	14.42	184	313253	73.543	ng	99
55) Dibenzofuran	14.70	168	1763170	39.632	ng	99
56) 4-Nitrophenol	14.53	139	567519	88.453	ng	99
57) 2,4-Dinitrotoluene	14.67	165	440194	41.591	ng	99
58) Fluorene	15.36	166	1363034	39.773	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	388316	41.921	ng	99
60) Diethylphthalate	15.14	149	1438332	38.709	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	691542	39.075	ng	99
62) 4-Nitroaniline	15.37	138	340719	37.167	ng	98
63) Azobenzene	15.65	77	983533	39.881	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	224190	46.110	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1246758	41.939	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	445365	39.692	ng	98
68) Hexachlorobenzene	16.37	284	526026	39.377	ng	99
69) Atrazine	16.53	200	386292	38.527	ng	99
70) Pentachlorophenol	16.72	266	625925	97.982	ng	99
71) Phenanthrene	17.10	178	2186291	39.686	ng	100
72) Anthracene	17.19	178	2225224	42.205	ng	100
73) Carbazole	17.46	167	2053299	40.579	ng	99
74) Di-n-butylphthalate	18.03	149	2405408	40.439	ng	100
75) Fluoranthene	19.07	202	2511362	39.443	ng	100
77) Benzidine	19.26	184	1516946	67.756	ng	99
78) Pyrene	19.43	202	2577338	40.538	ng	100
80) Butylbenzylphthalate	20.32	149	1072198	40.959	ng	94
81) Benzo(a)anthracene	21.13	228	2486396	40.521	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	819495	36.308	ng	100
83) Chrysene	21.19	228	2336012	39.762	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1578245	41.748	ng	100
85) Di-n-octyl phthalate	21.95	149	2761301	42.602	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3615240	43.729	ng	99
88) Benzo(b)fluoranthene	22.72	252	2715432	39.409	ng	100
89) Benzo(k)fluoranthene	22.76	252	2715457	41.248	ng	100
90) Benzo(a)pyrene	23.29	252	2567307	40.162	ng	100
91) Dibenzo(a,h)anthracene	25.67	278	3018345	44.443	ng	100
92) Benzo(g,h,i)perylene	26.35	276	3108471	45.608	ng	99

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

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