Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090320\
Data File : BP003199.D
Acq On : 03 Sep 2020 11:24
Operator : CG/JU
Sample : PB131369BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131369BS

Quant Time: Sep 03 13:20:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	243595	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	987043	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	625656	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1381163	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1467284	20.00	ng		0.00
86) Perylene-d12	23.38	264	1622548	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1466119	106.41	ng		0.00
7) Phenol-d6	6.85	99	1768404	102.39	ng		0.01
23) Nitrobenzene-d5	8.80	82	1281814	93.62	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	984137	116.30	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3834354	89.75	ng		0.00
79) Terphenyl-d14	19.63	244	4867647	73.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	173608	32.959	ng		100
3) Pyridine	3.58	79	410353	29.602	ng		99
4) n-Nitrosodimethylamine	3.50	42	141578	39.111	ng		96
6) Aniline	6.98	93	589755	31.363	ng		100
8) 2-Chlorophenol	7.23	128	638615	41.577	ng		99
9) Benzaldehyde	6.79	77	274172	34.049	ng		98
10) Phenol	6.87	94	658743	41.156	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	483291	38.149	ng		99
12) 1,3-Dichlorobenzene	7.55	146	687441	36.808	ng		98
13) 1,4-Dichlorobenzene	7.69	146	706252	37.458	ng		99
14) 1,2-Dichlorobenzene	8.00	146	667910	37.365	ng		99
15) Benzyl Alcohol	7.89	79	416145	42.764	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	390477	36.372	ng		100
17) 2-Methylphenol	8.10	107	479717	42.072	ng		99
18) Hexachloroethane	8.73	117	232680	37.722	ng		97
19) n-Nitroso-di-n-propylamine	8.46	70	304898	39.073	ng		99
20) 3+4-Methylphenols	8.43	107	646349	42.071	ng		99
22) Acetophenone	8.47	105	798724	36.336	ng	#	99
24) Nitrobenzene	8.85	77	504265	37.498	ng		98
25) Isophorone	9.37	82	961314	39.794	ng		98
26) 2-Nitrophenol	9.55	139	344150	42.937	ng		99
27) 2,4-Dimethylphenol	9.63	122	559742	46.454	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	631883	35.118	ng		99
29) 2,4-Dichlorophenol	10.09	162	620991	41.540	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	654791	36.787	ng		99
31) Naphthalene	10.48	128	1887053	37.212	ng		100
32) Benzoic acid	9.79	122	320466	36.933	ng		99
33) 4-Chloroaniline	10.59	127	514210	24.269	ng		99
34) Hexachlorobutadiene	10.78	225	396141	37.083	ng		97
35) Caprolactam	11.36	113	187528	41.744	ng		99
36) 4-Chloro-3-methylphenol	11.74	107	569790	40.822	ng		95
37) 2-Methylnaphthalene	12.10	142	1387556	38.249	ng		100
38) 1-Methylnaphthalene	12.32	142	1317548	38.212	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	713933	38.500	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	804713	91.800	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	488975	40.102	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	533835	41.390	ng	99
46) 1,1'-Biphenyl	13.13	154	1768455	37.683	ng	100
47) 2-Chloronaphthalene	13.16	162	1354764	35.267	ng	100
48) 2-Nitroaniline	13.37	65	273269	37.994	ng	98
49) Acenaphthylene	14.02	152	2215526	38.142	ng	99
50) Dimethylphthalate	13.76	163	1725483	36.165	ng	100
51) 2,6-Dinitrotoluene	13.87	165	389486	39.278	ng	96
52) Acenaphthene	14.36	154	1272032	35.646	ng	99
53) 3-Nitroaniline	14.20	138	300887	26.782	ng	98
54) 2,4-Dinitrophenol	14.42	184	379642	71.046	ng	98
55) Dibenzofuran	14.70	168	2056150	36.688	ng	99
56) 4-Nitrophenol	14.53	139	671935	83.133	ng	98
57) 2,4-Dinitrotoluene	14.67	165	533813	40.037	ng	100
58) Fluorene	15.35	166	1601029	37.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	493552	42.296	ng	96
60) Diethylphthalate	15.13	149	1730320	36.965	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	830441	37.249	ng	97
62) 4-Nitroaniline	15.37	138	407793	35.311	ng	99
63) Azobenzene	15.65	77	1146919	36.917	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	289741	43.865	ng	92
66) n-Nitrosodiphenylamine	15.56	169	1479307	36.630	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	564808	37.053	ng	98
68) Hexachlorobenzene	16.37	284	675620	37.228	ng	96
69) Atrazine	16.52	200	486826	35.741	ng	98
70) Pentachlorophenol	16.71	266	814111	93.809	ng	97
71) Phenanthrene	17.09	178	2639152	35.264	ng	99
72) Anthracene	17.19	178	2693993	37.612	ng	100
73) Carbazole	17.46	167	2525883	36.745	ng	100
74) Di-n-butylphthalate	18.03	149	3018739	37.357	ng	99
75) Fluoranthene	19.07	202	3249087	37.563	ng	99
77) Benzidine	19.25	184	1651489	49.247	ng	100
78) Pyrene	19.42	202	3301096	34.664	ng	100
80) Butylbenzylphthalate	20.31	149	1465929	37.387	ng	95
81) Benzo(a)anthracene	21.13	228	3338572	36.325	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	1151577	34.063	ng	98
83) Chrysene	21.19	228	3134418	35.619	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2088087	36.876	ng	99
85) Di-n-octyl phthalate	21.95	149	3808661	39.230	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	4503230	37.217	ng	98
88) Benzo(b)fluoranthene	22.71	252	3786631	37.548	ng	99
89) Benzo(k)fluoranthene	22.76	252	3575852	37.112	ng	99
90) Benzo(a)pyrene	23.29	252	3454392	36.922	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3767573	37.903	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3840255	38.498	ng	98

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

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