Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
Data File : BP003135.D
Acq On : 27 Aug 2020 16:57
Operator : CG/JU
Sample : L3806-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-14-DMSD

Quant Time: Aug 27 17:33:39 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	213989	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	840670	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	481180	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	978429	20.00	ng	0.00
76) Chrysene-d12	21.15	240	922080	20.00	ng	0.00
86) Perylene-d12	23.39	264	1126999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1315987	108.73	ng	0.00
7) Phenol-d6	6.85	99	1539744	101.48	ng	0.00
23) Nitrobenzene-d5	8.81	82	899196	77.11	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	679173	104.36	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2446117	74.45	ng	0.00
79) Terphenyl-d14	19.63	244	2952938	70.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	169610	36.655	ng	99
3) Pyridine	3.59	79	402722	33.071	ng	99
4) n-Nitrosodimethylamine	3.50	42	137204	43.147	ng	90
6) Aniline	6.99	93	508643	30.792	ng	99
8) 2-Chlorophenol	7.23	128	590142	43.736	ng	99
9) Benzaldehyde	6.80	77	254941	36.041	ng	99
10) Phenol	6.88	94	612761	43.580	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	456855	41.052	ng	99
12) 1,3-Dichlorobenzene	7.55	146	651636	39.718	ng	99
13) 1,4-Dichlorobenzene	7.70	146	664924	40.145	ng	98
14) 1,2-Dichlorobenzene	8.01	146	636858	40.557	ng	99
15) Benzyl Alcohol	7.90	79	378547	44.282	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	367386	38.955	ng	99
17) 2-Methylphenol	8.11	107	435571	43.485	ng	99
18) Hexachloroethane	8.74	117	217103	40.066	ng	97
19) n-Nitroso-di-n-propylamine	8.46	70	284486	41.501	ng	99
20) 3+4-Methylphenols	8.43	107	581854	43.113	ng	98
22) Acetophenone	8.48	105	733335	39.170	ng	99
24) Nitrobenzene	8.85	77	462680	40.396	ng	99
25) Isophorone	9.38	82	863137	41.951	ng	100
26) 2-Nitrophenol	9.56	139	308699	45.219	ng	99
27) 2,4-Dimethylphenol	9.63	122	497807	48.507	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	581858	37.968	ng	98
29) 2,4-Dichlorophenol	10.10	162	538994	42.333	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	594312	39.203	ng	98
31) Naphthalene	10.49	128	1726931	39.983	ng	100
32) Benzoic acid	9.78	122	278755	37.528	ng	98
33) 4-Chloroaniline	10.60	127	217688	12.063	ng	99
34) Hexachlorobutadiene	10.79	225	349968	38.465	ng	100
35) Caprolactam	11.36	113	153005	39.989	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	490550	41.264	ng	99
37) 2-Methylnaphthalene	12.11	142	1242504	40.214	ng	99
38) 1-Methylnaphthalene	12.33	142	1167296	39.749	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	611495	42.876	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	732163	108.602 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	402594	42.931 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	438556	44.213 ng	98
46) 1,1'-Biphenyl	13.13	154	1535811	42.552 ng	100
47) 2-Chloronaphthalene	13.17	162	1181587	39.995 ng	99
48) 2-Nitroaniline	13.37	65	223666	40.434 ng	99
49) Acenaphthylene	14.02	152	1899924	42.529 ng	99
50) Dimethylphthalate	13.77	163	1789356	48.764 ng	100
51) 2,6-Dinitrotoluene	13.87	165	317560	41.640 ng	98
52) Acenaphthene	14.37	154	1099378	40.058 ng	98
53) 3-Nitroaniline	14.20	138	171608	19.861 ng	99
54) 2,4-Dinitrophenol	14.42	184	307205	74.347 ng	99
55) Dibenzofuran	14.70	168	1734737	40.247 ng	98
56) 4-Nitrophenol	14.53	139	546296	87.883 ng	99
57) 2,4-Dinitrotoluene	14.67	165	425293	41.475 ng	97
58) Fluorene	15.36	166	1319892	39.753 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	377687	42.085 ng	99
60) Diethylphthalate	15.14	149	1393100	38.697 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	673059	39.254 ng	99
62) 4-Nitroaniline	15.37	138	310198	34.925 ng	99
63) Azobenzene	15.65	77	956798	40.045 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	216902	46.354 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1207589	42.209 ng	98
67) 4-Bromophenyl-phenylether	16.25	248	440934	40.833 ng	99
68) Hexachlorobenzene	16.37	284	511361	39.775 ng	99
69) Atrazine	16.53	200	363459	37.667 ng	99
70) Pentachlorophenol	16.71	266	608735	99.016 ng	100
71) Phenanthrene	17.10	178	2101297	39.634 ng	100
72) Anthracene	17.19	178	2134519	42.067 ng	99
73) Carbazole	17.46	167	1943458	39.909 ng	99
74) Di-n-butylphthalate	18.03	149	2336869	40.822 ng	100
75) Fluoranthene	19.07	202	2419254	39.481 ng	99
77) Benzidine	19.25	184	1209620	57.398 ng	100
78) Pyrene	19.43	202	2445747	40.868 ng	100
80) Butylbenzylphthalate	20.31	149	1022255	41.487 ng	98
81) Benzo(a)anthracene	21.13	228	2349445	40.677 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	676464	31.840 ng	99
83) Chrysene	21.19	228	2213016	40.018 ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1474795	41.445 ng	99
85) Di-n-octyl phthalate	21.95	149	2603041	42.665 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3482867	41.440 ng	99
88) Benzo(b)fluoranthene	22.71	252	2607995	37.232 ng	99
89) Benzo(k)fluoranthene	22.76	252	2573275	38.450 ng	99
90) Benzo(a)pyrene	23.29	252	2477673	38.127 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2903706	42.057 ng	99
92) Benzo(g,h,i)perylene	26.36	276	2975065	42.938 ng	99

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

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