Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
Data File : BP002541.D
Acq On : 25 Jun 2020 14:42
Operator : CG/JU
Sample : L3090-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 359-ROMSD

Quant Time: Jun 25 15:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	157907	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	668495	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	425942	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	974013	20.00	ng	0.00
76) Chrysene-d12	21.10	240	933204	20.00	ng	0.00
86) Perylene-d12	23.30	264	1108462	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1426589	167.17	ng	0.00
7) Phenol-d6	6.78	99	1985273	174.74	ng	0.00
23) Nitrobenzene-d5	8.73	82	1352786	120.85	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	764089	187.36	ng	0.01
45) 2-Fluorobiphenyl	12.85	172	2812729	111.03	ng	0.00
79) Terphenyl-d14	19.58	244	3993400	122.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	133569	33.979	ng	100
3) Pyridine	3.53	79	395458	37.014	ng	99
4) n-Nitrosodimethylamine	3.45	42	197669	44.896	ng	98
6) Aniline	6.92	93	599958	38.828	ng	98
8) 2-Chlorophenol	7.16	128	451544	47.060	ng	97
9) Benzaldehyde	6.73	77	207764	32.716	ng	98
10) Phenol	6.81	94	578299	46.930	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	427548	41.557	ng	98
12) 1,3-Dichlorobenzene	7.48	146	461952	41.810	ng	100
13) 1,4-Dichlorobenzene	7.62	146	470110	42.290	ng	99
14) 1,2-Dichlorobenzene	7.93	146	454048	42.639	ng	99
15) Benzyl Alcohol	7.82	79	406267	46.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	587009	40.212	ng	99
17) 2-Methylphenol	8.04	107	390685	43.389	ng	98
18) Hexachloroethane	8.65	117	172493	42.594	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	332158	43.738	ng	100
20) 3+4-Methylphenols	8.36	107	531602	43.746	ng	93
22) Acetophenone	8.40	105	640457	42.644	ng	99
24) Nitrobenzene	8.77	77	530998	44.129	ng	99
25) Isophorone	9.29	82	981850	43.066	ng	100
26) 2-Nitrophenol	9.48	139	254693	47.500	ng	95
27) 2,4-Dimethylphenol	9.56	122	405448	48.200	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	593714	43.721	ng	99
29) 2,4-Dichlorophenol	10.02	162	448560	47.372	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	462939	43.860	ng	96
31) Naphthalene	10.40	128	1360031	43.792	ng	100
32) Benzoic acid	9.72	122	265268	39.185	ng	98
33) 4-Chloroaniline	10.52	127	485244	35.790	ng	99
34) Hexachlorobutadiene	10.70	225	268395	43.575	ng	96
35) Caprolactam	11.29	113	161154	48.254	ng	99
36) 4-Chloro-3-methylphenol	11.67	107	500796	48.880	ng	99
37) 2-Methylnaphthalene	12.03	142	1000368	45.382	ng	98
38) 1-Methylnaphthalene	12.25	142	943139	45.584	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	485247	43.217	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	508383	85.166 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	368098	46.323 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	407101	44.243 ng	98
46) 1,1'-Biphenyl	13.06	154	1240688	44.444 ng	99
47) 2-Chloronaphthalene	13.10	162	983265	43.061 ng	98
48) 2-Nitroaniline	13.30	65	342870	47.037 ng	98
49) Acenaphthylene	13.95	152	1594314	43.745 ng	99
50) Dimethylphthalate	13.70	163	1628660	55.804 ng	99
51) 2,6-Dinitrotoluene	13.81	165	290933	45.901 ng	97
52) Acenaphthene	14.30	154	924868	43.319 ng	100
53) 3-Nitroaniline	14.14	138	264428	36.536 ng	95
54) 2,4-Dinitrophenol	14.36	184	362806	96.507 ng	97
55) Dibenzofuran	14.63	168	1490773	43.369 ng	99
56) 4-Nitrophenol	14.48	139	519313	90.372 ng	96
57) 2,4-Dinitrotoluene	14.61	165	400937	46.472 ng	98
58) Fluorene	15.29	166	1124742	41.599 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	348156	47.665 ng	99
60) Diethylphthalate	15.08	149	1287733	44.035 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	560468	41.979 ng	99
62) 4-Nitroaniline	15.32	138	325339	46.784 ng	98
63) Azobenzene	15.59	77	1285932	44.177 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	258156	50.227 ng	99
66) n-Nitrosodiphenylamine	15.51	169	1065118	42.807 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	387746	42.023 ng	97
68) Hexachlorobenzene	16.31	284	427012	43.612 ng	96
69) Atrazine	16.47	200	377949	46.563 ng	99
70) Pentachlorophenol	16.65	266	527427	90.039 ng	97
71) Phenanthrene	17.03	178	1974031	43.326 ng	99
72) Anthracene	17.13	178	2026273	44.768 ng	99
73) Carbazole	17.40	167	1902258	42.723 ng	98
74) Di-n-butylphthalate	17.98	149	2319590	44.021 ng	99
75) Fluoranthene	19.02	202	2496321	45.900 ng	98
77) Benzidine	19.20	184	1594208	76.452 ng	98
78) Pyrene	19.37	202	2480986	43.403 ng	100
80) Butylbenzylphthalate	20.26	149	1094216	43.062 ng	99
81) Benzo(a)anthracene	21.09	228	2286939	42.933 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	848275	42.851 ng	100
83) Chrysene	21.14	228	2162304	42.846 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1561818	42.254 ng	98
85) Di-n-octyl phthalate	21.90	149	2751132	42.436 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	3106339	44.805 ng	99
88) Benzo(b)fluoranthene	22.65	252	2568610	42.970 ng	100
89) Benzo(k)fluoranthene	22.69	252	2436555	42.900 ng	98
90) Benzo(a)pyrene	23.20	252	2379595	42.479 ng	97
91) Dibenzo(a,h)anthracene	25.54	278	2498654	44.929 ng	99
92) Benzo(g,h,i)perylene	26.20	276	2602925	45.190 ng	99

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

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