Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003157.D
Acq On : 28 Aug 2020 18:50
Operator : CG/JU
Sample : L3837-14MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 789UMR-TP11-0006-01MS

Quant Time: Aug 29 00:40:32 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	247690	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	999726	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	612391	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1339533	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1262691	20.00	ng		0.00
86) Perylene-d12	23.38	264	1234349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1638321	116.94	ng		0.00
7) Phenol-d6	6.85	99	1956998	111.44	ng		0.00
23) Nitrobenzene-d5	8.81	82	1149767	82.91	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	1004901	121.33	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3284928	78.55	ng		0.00
79) Terphenyl-d14	19.63	244	4491335	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	188857	35.262	ng		97
3) Pyridine	3.59	79	407574	28.916	ng		99
4) n-Nitrosodimethylamine	3.50	42	166536	45.245	ng		89
6) Aniline	6.99	93	595081	31.123	ng		100
8) 2-Chlorophenol	7.23	128	751166	48.096	ng		99
9) Benzaldehyde	6.80	77	321872	39.312	ng		96
10) Phenol	6.88	94	786553	48.329	ng		97
11) bis(2-Chloroethyl)ether	7.09	93	572150	44.416	ng		99
12) 1,3-Dichlorobenzene	7.55	146	802332	42.250	ng		99
13) 1,4-Dichlorobenzene	7.69	146	815320	42.528	ng		99
14) 1,2-Dichlorobenzene	8.01	146	781719	43.009	ng		99
15) Benzyl Alcohol	7.90	79	495181	50.044	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	453855	41.576	ng		98
17) 2-Methylphenol	8.11	107	566349	48.848	ng		98
18) Hexachloroethane	8.73	117	266311	42.461	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	361259	45.530	ng		98
20) 3+4-Methylphenols	8.44	107	757308	48.478	ng		99
22) Acetophenone	8.48	105	936752	42.075	ng	#	99
24) Nitrobenzene	8.85	77	585911	43.016	ng		99
25) Isophorone	9.38	82	1123314	45.910	ng		99
26) 2-Nitrophenol	9.56	139	404417	49.815	ng		99
27) 2,4-Dimethylphenol	9.63	122	663183	54.341	ng		96
28) bis(2-Chloroethoxy)methane	9.86	93	737171	40.450	ng		99
29) 2,4-Dichlorophenol	10.10	162	720538	47.588	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	756297	41.951	ng		99
31) Naphthalene	10.49	128	2204957	42.929	ng		100
32) Benzoic acid	9.80	122	464432	48.969	ng		97
33) 4-Chloroaniline	10.60	127	285112	13.285	ng		97
34) Hexachlorobutadiene	10.79	225	444269	41.061	ng		99
35) Caprolactam	11.37	113	222806	48.968	ng		97
36) 4-Chloro-3-methylphenol	11.75	107	676179	47.829	ng		99
37) 2-Methylnaphthalene	12.11	142	1619677	44.082	ng		99
38) 1-Methylnaphthalene	12.33	142	1530462	43.824	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	801510	44.158	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	952884	111.057 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	571937	47.922 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	626802	49.651 ng	99
46) 1,1'-Biphenyl	13.13	154	2036208	44.329 ng	99
47) 2-Chloronaphthalene	13.17	162	1561013	41.516 ng	100
48) 2-Nitroaniline	13.37	65	320078	45.466 ng	98
49) Acenaphthylene	14.02	152	2570160	45.205 ng	100
50) Dimethylphthalate	13.77	163	2285749	48.945 ng	100
51) 2,6-Dinitrotoluene	13.88	165	449045	46.265 ng	98
52) Acenaphthene	14.37	154	1496400	42.841 ng	99
53) 3-Nitroaniline	14.20	138	292948	26.640 ng	98
54) 2,4-Dinitrophenol	14.42	184	513083	95.145 ng	98
55) Dibenzofuran	14.70	168	2354860	42.928 ng	98
56) 4-Nitrophenol	14.54	139	825293	104.319 ng	97
57) 2,4-Dinitrotoluene	14.67	165	617044	47.282 ng	99
58) Fluorene	15.36	166	1808745	42.804 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	553297	48.443 ng	99
60) Diethylphthalate	15.15	149	1957366	42.721 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	915602	41.958 ng	99
62) 4-Nitroaniline	15.37	138	431455	38.169 ng	97
63) Azobenzene	15.65	77	1323017	43.508 ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	344176	53.726 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1680843	42.913 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	630891	42.675 ng	99
68) Hexachlorobenzene	16.37	284	736656	41.853 ng	99
69) Atrazine	16.53	200	547382	41.435 ng	99
70) Pentachlorophenol	16.72	266	967502	114.949 ng	100
71) Phenanthrene	17.10	178	3222646	44.399 ng	99
72) Anthracene	17.19	178	3155021	45.417 ng	100
73) Carbazole	17.46	167	2921872	43.826 ng	100
74) Di-n-butylphthalate	18.03	149	3434546	43.823 ng	100
75) Fluoranthene	19.07	202	4189539	49.940 ng	99
77) Benzidine	19.26	184	1295954	44.907 ng	99
78) Pyrene	19.43	202	4150609	50.647 ng	98
80) Butylbenzylphthalate	20.31	149	1659504	49.181 ng	96
81) Benzo(a)anthracene	21.13	228	3739748	47.283 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1136599	39.067 ng	100
83) Chrysene	21.19	228	3490619	46.094 ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2292986	47.056 ng	99
85) Di-n-octyl phthalate	21.95	149	3984688	47.694 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	3904258	42.414 ng	98
88) Benzo(b)fluoranthene	22.72	252	3635292	47.385 ng	99
89) Benzo(k)fluoranthene	22.76	252	3370339	45.980 ng	100
90) Benzo(a)pyrene	23.29	252	3220679	45.251 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3076136	40.680 ng	99
92) Benzo(g,h,i)perylene	26.36	276	3401744	44.827 ng	99

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

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