Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003016.D
Acq On : 18 Aug 2020 13:45
Operator : CG/JU
Sample : L3659-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP1-3MSD

Quant Time: Aug 18 18:43:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	287739	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1112077	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	647368	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1239388	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1499849	20.00	ng		0.00
86) Perylene-d12	23.42	264	1516652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1437737	76.47	ng		0.00
7) Phenol-d6	6.86	99	1739475	66.64	ng		0.00
23) Nitrobenzene-d5	8.83	82	950304	46.28	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	614561	76.38	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	2673224	56.42	ng		0.00
79) Terphenyl-d14	19.65	244	3325610	44.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	240667	29.822	ng		99
3) Pyridine	3.61	79	555810	24.720	ng		100
4) n-Nitrosodimethylamine	3.53	42	188694	28.570	ng		96
6) Aniline	7.01	93	521362	17.216	ng		100
8) 2-Chlorophenol	7.25	128	885945	44.197	ng		99
9) Benzaldehyde	6.82	77	396676	28.543	ng		99
10) Phenol	6.89	94	960868	36.552	ng		100
11) bis(2-Chloroethyl)ether	7.11	93	693783	34.313	ng		99
12) 1,3-Dichlorobenzene	7.58	146	946432	41.832	ng		99
13) 1,4-Dichlorobenzene	7.72	146	960755	42.011	ng		99
14) 1,2-Dichlorobenzene	8.03	146	921989	42.276	ng		99
15) Benzyl Alcohol	7.92	79	564843	32.797	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	581023	30.587	ng		98
17) 2-Methylphenol	8.13	107	670613	39.921	ng		99
18) Hexachloroethane	8.76	117	307886	38.599	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	438802	29.176	ng		100
20) 3+4-Methylphenols	8.45	107	894406	39.506	ng		98
22) Acetophenone	8.50	105	1111774	35.433	ng	#	97
24) Nitrobenzene	8.87	77	684062	30.688	ng		99
25) Isophorone	9.40	82	1328737	30.123	ng		100
26) 2-Nitrophenol	9.58	139	429148	46.300	ng		97
27) 2,4-Dimethylphenol	9.65	122	742791	42.285	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	899406	36.547	ng		100
29) 2,4-Dichlorophenol	10.12	162	780466	42.215	ng		100
30) 1,2,4-Trichlorobenzene	10.33	180	845459	39.120	ng		98
31) Naphthalene	10.52	128	2488363	39.088	ng		100
32) Benzoic acid	9.79	122	459552	45.046	ng		96
33) 4-Chloroaniline	10.62	127	391401	14.836	ng		98
34) Hexachlorobutadiene	10.82	225	459641	34.754	ng		99
35) Caprolactam	11.38	113	241035	42.136	ng		98
36) 4-Chloro-3-methylphenol	11.76	107	734638	38.226	ng		99
37) 2-Methylnaphthalene	12.13	142	1785641	39.433	ng		99
38) 1-Methylnaphthalene	12.35	142	1652206	38.760	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	821697	35.303	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	947698	78.488 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	582216	43.160 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	640556	43.285 ng	99
46) 1,1'-Biphenyl	13.16	154	2320354	43.357 ng	100
47) 2-Chloronaphthalene	13.19	162	1760483	42.009 ng	98
48) 2-Nitroaniline	13.39	65	350423	34.721 ng	95
49) Acenaphthylene	14.04	152	2741401	41.712 ng	99
50) Dimethylphthalate	13.79	163	2451009	48.408 ng	99
51) 2,6-Dinitrotoluene	13.90	165	469329	41.536 ng	95
52) Acenaphthene	14.39	154	1598730	37.847 ng	100
53) 3-Nitroaniline	14.22	138	260195	23.504 ng	99
54) 2,4-Dinitrophenol	14.43	184	462436	94.544 ng	99
55) Dibenzofuran	14.73	168	2500687	38.595 ng	97
56) 4-Nitrophenol	14.55	139	886916	98.783 ng	96
57) 2,4-Dinitrotoluene	14.69	165	636893	42.790 ng	100
58) Fluorene	15.37	166	1755737	34.609 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	518209	41.969 ng	100
60) Diethylphthalate	15.16	149	1909142	38.587 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	869238	33.292 ng	100
62) 4-Nitroaniline	15.39	138	444483	38.343 ng	97
63) Azobenzene	15.67	77	1371309	27.531 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	301262	46.846 ng	95
66) n-Nitrosodiphenylamine	15.59	169	1614430	39.331 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	576813	38.254 ng	97
68) Hexachlorobenzene	16.39	284	649692	37.252 ng	99
69) Atrazine	16.55	200	520276	37.412 ng	98
70) Pentachlorophenol	16.73	266	821459	90.830 ng	99
71) Phenanthrene	17.12	178	2926281	40.264 ng	99
72) Anthracene	17.21	178	2969429	41.804 ng	99
73) Carbazole	17.48	167	2840782	40.952 ng	99
74) Di-n-butylphthalate	18.06	149	3510101	48.102 ng	99
75) Fluoranthene	19.09	202	3523919	42.084 ng	99
77) Benzidine	19.27	184	1747750	38.214 ng	100
78) Pyrene	19.45	202	3620965	34.535 ng	99
80) Butylbenzylphthalate	20.33	149	1954925	46.033 ng	99
81) Benzo(a)anthracene	21.16	228	4161371	40.733 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1049332	25.950 ng	99
83) Chrysene	21.20	228	3910353	40.576 ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2875777	49.559 ng	100
85) Di-n-octyl phthalate	21.98	149	4829931	50.667 ng	100
87) Indeno(1,2,3-cd)pyrene	25.72	276	4792490	39.456 ng	99
88) Benzo(b)fluoranthene	22.74	252	4215608	39.388 ng	98
89) Benzo(k)fluoranthene	22.79	252	4052099	40.057 ng	99
90) Benzo(a)pyrene	23.32	252	3885585	40.179 ng	99
91) Dibenzo(a,h)anthracene	25.73	278	4021242	38.898 ng	99
92) Benzo(g,h,i)perylene	26.41	276	3999719	40.010 ng	99

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

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