Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002444.D
Acq On : 18 Jun 2020 16:43
Operator : CG/JU
Sample : L3034-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
mohammad
6/19/2020 12:58:57 PM

Quant Time: Jun 18 17:15:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	150413	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	597815	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	344218	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	637315	20.00	ng		0.00
76) Chrysene-d12	21.10	240	637595	20.00	ng		-0.01
86) Perylene-d12	23.29	264	772401	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	604337	74.35	ng		0.00
7) Phenol-d6	6.78	99	1268506	117.21	ng		0.00
23) Nitrobenzene-d5	8.73	82	867606	86.67	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	206765	62.74	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1734026	84.70	ng		0.00
79) Terphenyl-d14	19.58	244	2068823	82.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	166005	44.335	ng		98
3) Pyridine	3.53	79	453042	44.517	ng		97
4) n-Nitrosodimethylamine	3.45	42	210974	50.306	ng		98
6) Aniline	6.92	93	495016	33.633	ng		99
8) 2-Chlorophenol	7.16	128	463837	50.749	ng		99
9) Benzaldehyde	6.73	77	253937	46.459	ng		97
10) Phenol	6.80	94	615779	52.462	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	480269	49.007	ng		99
12) 1,3-Dichlorobenzene	7.48	146	496072	47.135	ng		98
13) 1,4-Dichlorobenzene	7.62	146	504592	47.654	ng		97
14) 1,2-Dichlorobenzene	7.93	146	480259	47.348	ng		99
15) Benzyl Alcohol	7.83	79	402304	47.961	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	648396	46.631	ng		99
17) 2-Methylphenol	8.04	107	395436	46.105	ng		98
18) Hexachloroethane	8.66	117	187428	48.587	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	346408	47.887	ng		99
20) 3+4-Methylphenols	8.36	107	532685	46.019	ng		97
22) Acetophenone	8.40	105	663339	49.389	ng	#	98
24) Nitrobenzene	8.77	77	547654	50.894	ng		97
25) Isophorone	9.30	82	976680	47.905	ng		100
26) 2-Nitrophenol	9.48	139	245331	51.164	ng		98
27) 2,4-Dimethylphenol	9.56	122	398855	53.023	ng		100
28) bis(2-Chloroethoxy)methane	9.79	93	616505	50.767	ng		100
29) 2,4-Dichlorophenol	10.02	162	425799	50.285	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	459472	48.679	ng		99
31) Naphthalene	10.41	128	1371312	49.376	ng		99
32) Benzoic acid	9.70	122	296543	47.835	ng		97
33) 4-Chloroaniline	10.52	127	327160	26.983	ng		99
34) Hexachlorobutadiene	10.71	225	264679	48.052	ng		98
35) Caprolactam	11.27	113	137949m	46.190	ng		
36) 4-Chloro-3-methylphenol	11.66	107	456086	49.780	ng		99
37) 2-Methylnaphthalene	12.03	142	971436	49.280	ng		98
38) 1-Methylnaphthalene	12.25	142	922963	49.883	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	466994	51.466	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	324906	67.352	ng		98
43) 2,4,6-Trichlorophenol	12.66	196	323761	50.417	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	347718	46.762	ng		99
46) 1,1'-Biphenyl	13.06	154	1166806	51.721	ng		99
47) 2-Chloronaphthalene	13.10	162	925798	50.170	ng		99
48) 2-Nitroaniline	13.30	65	302285	51.315	ng		99
49) Acenaphthylene	13.95	152	1452386	49.312	ng		99
50) Dimethylphthalate	13.70	163	1247483	52.891	ng		99
51) 2,6-Dinitrotoluene	13.81	165	244851	47.802	ng		93
52) Acenaphthene	14.30	154	855114	49.561	ng		99
53) 3-Nitroaniline	14.13	138	167090	28.568	ng		97
54) 2,4-Dinitrophenol	14.35	184	162848	54.841	ng		97
55) Dibenzofuran	14.64	168	1342721	48.336	ng		100
56) 4-Nitrophenol	14.47	139	446244	96.093	ng		95
57) 2,4-Dinitrotoluene	14.60	165	331337	47.523	ng		95
58) Fluorene	15.29	166	987757	45.206	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	290284	49.178	ng	#	100
60) Diethylphthalate	15.08	149	1055941	44.682	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	490143	46.532	ng		99
62) 4-Nitroaniline	15.30	138	192974	34.338	ng		96
63) Azobenzene	15.59	77	1155390	49.116	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	125897	37.435	ng		87
66) n-Nitrosodiphenylamine	15.51	169	917259	56.341	ng		100
67) 4-Bromophenyl-phenylether	16.19	248	305447	50.593	ng		99
68) Hexachlorobenzene	16.30	284	330073	51.522	ng		94
69) Atrazine	16.47	200	274974	51.774	ng		97
70) Pentachlorophenol	16.65	266	405497	105.795	ng		99
71) Phenanthrene	17.03	178	1509183	50.623	ng		99
72) Anthracene	17.13	178	1521179	51.364	ng		99
73) Carbazole	17.40	167	1391367	47.757	ng		99
74) Di-n-butylphthalate	17.98	149	1644630	47.701	ng		99
75) Fluoranthene	19.02	202	1807054	50.780	ng		99
77) Benzidine	19.20	184	1043214	73.223	ng		99
78) Pyrene	19.37	202	1837057	47.038	ng		99
80) Butylbenzylphthalate	20.27	149	802611	46.231	ng		98
81) Benzo(a)anthracene	21.09	228	1859702	51.099	ng		100
82) 3,3'-Dichlorobenzidine	21.02	252	603129	44.593	ng		99
83) Chrysene	21.13	228	1779083	51.597	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1226452	48.565	ng		100
85) Di-n-octyl phthalate	21.90	149	2250420	50.806	ng		99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2497136	51.688	ng		100
88) Benzo(b)fluoranthene	22.64	252	2140358	51.385	ng		99
89) Benzo(k)fluoranthene	22.69	252	1940133	49.022	ng		100
90) Benzo(a)pyrene	23.20	252	1957082	50.137	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	2029923	52.381	ng		99
92) Benzo(g,h,i)perylene	26.19	276	2100361	52.330	ng		98

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

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