Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002443.D
Acq On : 18 Jun 2020 16:09
Operator : CG/JU
Sample : L3034-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2MS

Manual Integrations APPROVED
mohammad
6/19/2020 12:59:01 PM

Quant Time: Jun 18 17:17:38 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	164149	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	652209	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	363176	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	677994	20.00	ng		0.00
76) Chrysene-d12	21.10	240	680695	20.00	ng		-0.01
86) Perylene-d12	23.30	264	802288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	537832	60.63	ng		0.00
7) Phenol-d6	6.78	99	1121185	94.93	ng		0.00
23) Nitrobenzene-d5	8.73	82	753084	68.96	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	173339	49.85	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1508790	69.85	ng		0.00
79) Terphenyl-d14	19.58	244	1810961	60.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	159215	38.963	ng		99
3) Pyridine	3.53	79	434056	39.082	ng		97
4) n-Nitrosodimethylamine	3.46	42	198489	43.368	ng		99
6) Aniline	6.92	93	486697	30.300	ng		98
8) 2-Chlorophenol	7.16	128	432866	43.398	ng		98
9) Benzaldehyde	6.73	77	235966	36.929	ng		98
10) Phenol	6.80	94	578360	45.150	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	448601	41.945	ng		100
12) 1,3-Dichlorobenzene	7.48	146	468954	40.830	ng		99
13) 1,4-Dichlorobenzene	7.62	146	474707	41.080	ng		100
14) 1,2-Dichlorobenzene	7.93	146	451661	40.802	ng		99
15) Benzyl Alcohol	7.83	79	369233	40.335	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	607785	40.052	ng		99
17) 2-Methylphenol	8.04	107	367064	39.216	ng		99
18) Hexachloroethane	8.66	117	175245	41.628	ng		99
19) n-Nitroso-di-n-propylamine	8.39	70	327473	41.481	ng		99
20) 3+4-Methylphenols	8.36	107	489873	38.779	ng		99
22) Acetophenone	8.40	105	617001	42.108	ng	#	98
24) Nitrobenzene	8.77	77	502063	42.766	ng		98
25) Isophorone	9.29	82	897763	40.361	ng		99
26) 2-Nitrophenol	9.48	139	224036	42.826	ng		99
27) 2,4-Dimethylphenol	9.56	122	371863	45.311	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	569316	42.971	ng		99
29) 2,4-Dichlorophenol	10.02	162	390386	42.258	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	427520	41.516	ng		98
31) Naphthalene	10.41	128	1277772	42.171	ng		99
32) Benzoic acid	9.70	122	259084	39.223	ng		98
33) 4-Chloroaniline	10.52	127	309393	23.390	ng		99
34) Hexachlorobutadiene	10.71	225	241761	40.231	ng		98
35) Caprolactam	11.27	113	121190m	37.194	ng		
36) 4-Chloro-3-methylphenol	11.66	107	413017	41.319	ng		100
37) 2-Methylnaphthalene	12.03	142	898859	41.795	ng		99
38) 1-Methylnaphthalene	12.25	142	849165	42.067	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	424796	44.372	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	343011	67.394	ng		99
43) 2,4,6-Trichlorophenol	12.66	196	292500	43.171	ng		99
44) 2,4,5-Trichlorophenol	12.73	196	318191	40.557	ng		99
46) 1,1'-Biphenyl	13.06	154	1073383	45.097	ng		99
47) 2-Chloronaphthalene	13.10	162	845839	43.444	ng		100
48) 2-Nitroaniline	13.30	65	272215	43.798	ng		94
49) Acenaphthylene	13.95	152	1322157	42.547	ng		99
50) Dimethylphthalate	13.70	163	1134215	45.579	ng		99
51) 2,6-Dinitrotoluene	13.81	165	223849	41.421	ng		98
52) Acenaphthene	14.30	154	783267	43.027	ng		98
53) 3-Nitroaniline	14.13	138	161620	26.191	ng		99
54) 2,4-Dinitrophenol	14.35	184	163349	52.275	ng		98
55) Dibenzofuran	14.64	168	1215360	41.467	ng		99
56) 4-Nitrophenol	14.46	139	395536	80.728	ng		92
57) 2,4-Dinitrotoluene	14.60	165	294004	39.967	ng		93
58) Fluorene	15.29	166	906258	39.311	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	261849	42.045	ng	#	99
60) Diethylphthalate	15.08	149	966303	38.754	ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	452314	39.123	ng		99
62) 4-Nitroaniline	15.30	138	179492	30.272	ng		96
63) Azobenzene	15.59	77	1044914	42.101	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	123785	34.599	ng		90
66) n-Nitrosodiphenylamine	15.51	169	838964	48.440	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	274341	42.714	ng		97
68) Hexachlorobenzene	16.30	284	300454	44.085	ng		95
69) Atrazine	16.47	200	254442	45.034	ng		98
70) Pentachlorophenol	16.65	266	366172	89.803	ng		98
71) Phenanthrene	17.03	178	1384064	43.640	ng		99
72) Anthracene	17.13	178	1400243	44.444	ng		99
73) Carbazole	17.40	167	1279307	41.276	ng		100
74) Di-n-butylphthalate	17.98	149	1505283	41.040	ng		100
75) Fluoranthene	19.02	202	1639599	43.310	ng		99
77) Benzidine	19.20	184	934809	61.460	ng		100
78) Pyrene	19.37	202	1679519	40.281	ng		99
80) Butylbenzylphthalate	20.27	149	723128	39.015	ng		99
81) Benzo(a)anthracene	21.08	228	1688322	43.453	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	553245	38.315	ng		99
83) Chrysene	21.13	228	1629508	44.266	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1111534	41.228	ng		100
85) Di-n-octyl phthalate	21.90	149	2025766	42.838	ng		100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2235453	44.548	ng		99
88) Benzo(b)fluoranthene	22.64	252	1912001	44.193	ng		99
89) Benzo(k)fluoranthene	22.69	252	1768220	43.014	ng		100
90) Benzo(a)pyrene	23.20	252	1745523	43.052	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	1813444	45.052	ng		99
92) Benzo(g,h,i)perylene	26.19	276	1859248	44.597	ng		99

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

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