Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003150.D
Acq On : 28 Aug 2020 14:48
Operator : CG/JU
Sample : PB131271BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131271BS

Manual Integrations APPROVED
mohammad
8/31/2020 10:27:58 AM

Quant Time: Aug 28 16:34:11 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	297192	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	1193239	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	729961	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1531957	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1425877	20.00	ng		0.00
86) Perylene-d12	23.39	264	1555726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1586388	94.38	ng		0.00
7) Phenol-d6	6.85	99	1853509	87.96	ng		0.00
23) Nitrobenzene-d5	8.81	82	1072449	64.79	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	911507	92.33	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3122680	62.65	ng		0.00
79) Terphenyl-d14	19.63	244	4138474	63.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	183327	28.528	ng		100
3) Pyridine	3.59	79	440425	26.042	ng		98
4) n-Nitrosodimethylamine	3.51	42	164878	37.334	ng		93
6) Aniline	6.99	93	762200	33.223	ng		100
8) 2-Chlorophenol	7.23	128	732769	39.103	ng		99
9) Benzaldehyde	6.80	77	317224	32.291	ng		99
10) Phenol	6.87	94	747254	38.267	ng		97
11) bis(2-Chloroethyl)ether	7.09	93	555481	35.940	ng		99
12) 1,3-Dichlorobenzene	7.55	146	792762	34.792	ng		99
13) 1,4-Dichlorobenzene	7.70	146	803662	34.937	ng		99
14) 1,2-Dichlorobenzene	8.01	146	769136	35.268	ng		99
15) Benzyl Alcohol	7.90	79	473882	39.915	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	447648	34.177	ng		99
17) 2-Methylphenol	8.11	107	545569	39.218	ng		99
18) Hexachloroethane	8.74	117	265197	35.240	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	351320	36.903	ng		99
20) 3+4-Methylphenols	8.44	107	727960	38.838	ng		99
22) Acetophenone	8.47	105	904415	34.035	ng	#	99
24) Nitrobenzene	8.85	77	571278	35.140	ng		99
25) Isophorone	9.37	82	1079211	36.954	ng		99
26) 2-Nitrophenol	9.56	139	379508	39.166	ng		97
27) 2,4-Dimethylphenol	9.63	122	636065	43.666	ng		97
28) bis(2-Chloroethoxy)methane	9.86	93	717687	32.994	ng		99
29) 2,4-Dichlorophenol	10.10	162	688499	38.097	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	730972	33.971	ng		99
31) Naphthalene	10.49	128	2116981	34.532	ng		100
32) Benzoic acid	9.80	122	345070	33.879	ng		98
33) 4-Chloroaniline	10.60	127	511883	19.984	ng		98
34) Hexachlorobutadiene	10.79	225	432941	33.525	ng		99
35) Caprolactam	11.37	113	206720m	38.064	ng		
36) 4-Chloro-3-methylphenol	11.75	107	640062	37.932	ng		99
37) 2-Methylnaphthalene	12.11	142	1549155	35.325	ng		99
38) 1-Methylnaphthalene	12.33	142	1456729	34.948	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	767560	35.477	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	987848	96.589	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	535489	37.641	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	582228	38.692	ng	98
46) 1,1'-Biphenyl	13.13	154	1952328	35.657	ng	99
47) 2-Chloronaphthalene	13.17	162	1494454	33.345	ng	99
48) 2-Nitroaniline	13.37	65	300529	35.813	ng	96
49) Acenaphthylene	14.02	152	2434554	35.924	ng	100
50) Dimethylphthalate	13.77	163	1915464	34.410	ng	100
51) 2,6-Dinitrotoluene	13.88	165	428098	37.003	ng	99
52) Acenaphthene	14.37	154	1406896	33.791	ng	99
53) 3-Nitroaniline	14.20	138	317840	24.248	ng	97
54) 2,4-Dinitrophenol	14.42	184	391226	63.658	ng	98
55) Dibenzofuran	14.70	168	2251444	34.433	ng	99
56) 4-Nitrophenol	14.53	139	722977	76.667	ng	98
57) 2,4-Dinitrotoluene	14.67	165	588878	37.856	ng	99
58) Fluorene	15.36	166	1716983	34.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	511342	37.559	ng	99
60) Diethylphthalate	15.14	149	1891815	34.640	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	884097	33.989	ng	100
62) 4-Nitroaniline	15.37	138	435189	32.299	ng	98
63) Azobenzene	15.65	77	1266922	34.953	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	293746	40.094	ng	99
66) n-Nitrosodiphenylamine	15.57	169	1610357	35.950	ng	98
67) 4-Bromophenyl-phenylether	16.25	248	600821	35.536	ng	100
68) Hexachlorobenzene	16.37	284	692401	34.397	ng	97
69) Atrazine	16.53	200	518911	34.346	ng	99
70) Pentachlorophenol	16.72	266	823695	85.571	ng	99
71) Phenanthrene	17.10	178	2836296	34.168	ng	100
72) Anthracene	17.19	178	2898706	36.486	ng	100
73) Carbazole	17.46	167	2650381	34.761	ng	100
74) Di-n-butylphthalate	18.03	149	3204267	35.750	ng	100
75) Fluoranthene	19.08	202	3306100	34.459	ng	99
77) Benzidine	19.26	184	1464977	44.954	ng	99
78) Pyrene	19.43	202	3343552	36.130	ng	99
80) Butylbenzylphthalate	20.32	149	1461453	38.355	ng	94
81) Benzo(a)anthracene	21.14	228	3149344	35.261	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	951063	28.949	ng	100
83) Chrysene	21.19	228	2934631	34.317	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	2037787	37.033	ng	99
85) Di-n-octyl phthalate	21.95	149	3550694	37.635	ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3506823	30.227	ng	98
88) Benzo(b)fluoranthene	22.72	252	3333721	34.477	ng	99
89) Benzo(k)fluoranthene	22.76	252	3103351	33.591	ng	99
90) Benzo(a)pyrene	23.29	252	2938193	32.754	ng	99
91) Dibenzo(a,h)anthracene	25.68	278	2926681	30.708	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2935695	30.694	ng	99

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

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