Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003168.D
Acq On : 01 Sep 2020 15:51
Operator : CG/JU
Sample : L3848-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-CMSD

Manual Integrations APPROVED
mohammad
9/2/2020 1:58:43 PM

Quant Time: Sep 01 17:03:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	170024	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	692307	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	440256	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	994572	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1147757	20.00	ng		0.00
86) Perylene-d12	23.37	264	1470630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	933914	97.11	ng		0.00
7) Phenol-d6	6.84	99	1115370	92.52	ng		0.00
23) Nitrobenzene-d5	8.80	82	644289	67.09	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	588965	98.91	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	1879420	62.52	ng		0.00
79) Terphenyl-d14	19.62	244	2952382	56.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	131324	35.720	ng		98
3) Pyridine	3.58	79	359272	37.132	ng		99
4) n-Nitrosodimethylamine	3.49	42	116893	46.265	ng		98
6) Aniline	6.98	93	409652	31.212	ng		99
8) 2-Chlorophenol	7.22	128	506895	47.281	ng		99
9) Benzaldehyde	6.79	77	269932	48.028	ng		99
10) Phenol	6.86	94	533026	47.712	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	389253	44.021	ng		99
12) 1,3-Dichlorobenzene	7.55	146	549971	42.190	ng		99
13) 1,4-Dichlorobenzene	7.69	146	556829	42.312	ng		100
14) 1,2-Dichlorobenzene	8.00	146	535038	42.884	ng		100
15) Benzyl Alcohol	7.89	79	343824	50.620	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	312216	41.666	ng		100
17) 2-Methylphenol	8.10	107	384430	48.304	ng		99
18) Hexachloroethane	8.73	117	184071	42.754	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	253823	46.603	ng		99
20) 3+4-Methylphenols	8.43	107	523012	48.774	ng		99
22) Acetophenone	8.46	105	640423	41.538	ng	#	99
24) Nitrobenzene	8.84	77	408956	43.357	ng		99
25) Isophorone	9.36	82	776248	45.813	ng		99
26) 2-Nitrophenol	9.55	139	270859	48.179	ng		100
27) 2,4-Dimethylphenol	9.62	122	456062	53.963	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	511160	40.503	ng		98
29) 2,4-Dichlorophenol	10.09	162	493896	47.104	ng		100
30) 1,2,4-Trichlorobenzene	10.30	180	507236	40.630	ng		99
31) Naphthalene	10.48	128	1497907	42.113	ng		100
32) Benzoic acid	9.78	122	308157	47.296	ng		97
33) 4-Chloroaniline	10.59	127	291894	19.641	ng		99
34) Hexachlorobutadiene	10.78	225	299079	39.917	ng		98
35) Caprolactam	11.35	113	159771m	50.706	ng		
36) 4-Chloro-3-methylphenol	11.73	107	479795	49.009	ng		98
37) 2-Methylnaphthalene	12.10	142	1103266	43.360	ng		99
38) 1-Methylnaphthalene	12.32	142	1031236	42.641	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	546318	41.867	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	586862	95.141 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	393864	45.904 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	429375	47.311 ng	99
46) 1,1'-Biphenyl	13.13	154	1408980	42.667 ng	99
47) 2-Chloronaphthalene	13.16	162	1094624	40.495 ng	100
48) 2-Nitroaniline	13.36	65	228292	45.107 ng	99
49) Acenaphthylene	14.02	152	1779098	43.527 ng	99
50) Dimethylphthalate	13.76	163	1576993	46.971 ng	100
51) 2,6-Dinitrotoluene	13.87	165	318176	45.599 ng	99
52) Acenaphthene	14.36	154	1059600	42.197 ng	99
53) 3-Nitroaniline	14.19	138	196217	24.820 ng	99
54) 2,4-Dinitrophenol	14.41	184	356554	92.229 ng	99
55) Dibenzofuran	14.70	168	1681889	42.648 ng	99
56) 4-Nitrophenol	14.52	139	607740	106.855 ng	98
57) 2,4-Dinitrotoluene	14.66	165	449713	47.934 ng	99
58) Fluorene	15.35	166	1354275	44.580 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	385851	46.991 ng	100
60) Diethylphthalate	15.13	149	1438748	43.680 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	664895	42.382 ng	98
62) 4-Nitroaniline	15.36	138	337501	41.532 ng	99
63) Azobenzene	15.64	77	977523	44.715 ng	99
65) 4,6-Dinitro-2-methylphenol	15.43	198	253582	53.314 ng	94
66) n-Nitrosodiphenylamine	15.56	169	1232890	42.394 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	448798	40.887 ng	98
68) Hexachlorobenzene	16.36	284	540453	41.356 ng	100
69) Atrazine	16.52	200	345574	35.232 ng	99
70) Pentachlorophenol	16.70	266	684583	109.546 ng	99
71) Phenanthrene	17.09	178	2279097	42.290 ng	99
72) Anthracene	17.18	178	2329557	45.166 ng	100
73) Carbazole	17.45	167	2225612	44.961 ng	99
74) Di-n-butylphthalate	18.03	149	2645250	45.459 ng	100
75) Fluoranthene	19.07	202	2936241	47.141 ng	100
77) Benzidine	19.25	184	1589615	60.598 ng	99
78) Pyrene	19.42	202	3042938	40.849 ng	100
80) Butylbenzylphthalate	20.30	149	1319180	43.010 ng	99
81) Benzo(a)anthracene	21.13	228	3105888	43.201 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	973911	36.827 ng	99
83) Chrysene	21.18	228	2961844	43.028 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1952946	44.091 ng	100
85) Di-n-octyl phthalate	21.95	149	3599741	47.401 ng	100
87) Indeno(1,2,3-cd)pyrene	25.65	276	4618650	42.114 ng	100
88) Benzo(b)fluoranthene	22.70	252	3819085	41.782 ng	99
89) Benzo(k)fluoranthene	22.75	252	3507878	40.167 ng	100
90) Benzo(a)pyrene	23.28	252	3481988	41.062 ng	100
91) Dibenzo(a,h)anthracene	25.66	278	3785196	42.014 ng	99
92) Benzo(g,h,i)perylene	26.34	276	3889373	43.018 ng	100

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

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