Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002883.D
Acq On : 30 Jul 2020 18:59
Operator : CG/JU
Sample : L3473-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2-DMS

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:58 PM

Quant Time: Jul 31 01:17:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	543651	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1980852	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1052211	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1945928	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1739568	20.00	ng	0.00
86) Perylene-d12	23.46	264	1975775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2724676	76.71	ng	0.00
7) Phenol-d6	6.89	99	3372774	68.39	ng	0.00
23) Nitrobenzene-d5	8.86	82	2024667	55.36	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	902335	69.00	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4272537	55.48	ng	0.00
79) Terphenyl-d14	19.68	244	4572828	52.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	572699	37.559	ng	99
3) Pyridine	3.65	79	1426339	33.576	ng	99
4) n-Nitrosodimethylamine	3.56	42	483462	38.742	ng	96
6) Aniline	7.05	93	1644681	28.745	ng	99
8) 2-Chlorophenol	7.29	128	1422210	37.551	ng	99
9) Benzaldehyde	6.86	77	1030110	39.231	ng	99
10) Phenol	6.92	94	1823419	36.712	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1449252	37.936	ng	100
12) 1,3-Dichlorobenzene	7.61	146	1645181	38.487	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1656129	38.329	ng	99
14) 1,2-Dichlorobenzene	8.07	146	1577256	38.278	ng	100
15) Benzyl Alcohol	7.95	79	1165185	35.808	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1353567	37.714	ng	99
17) 2-Methylphenol	8.16	107	1175021	37.022	ng	99
18) Hexachloroethane	8.80	117	598031	39.682	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	1004345	35.344	ng	99
20) 3+4-Methylphenols	8.48	107	1530321	35.776	ng	97
22) Acetophenone	8.53	105	2104297	37.652	ng	99
24) Nitrobenzene	8.90	77	1460094	36.774	ng	99
25) Isophorone	9.43	82	2723936	34.669	ng	99
26) 2-Nitrophenol	9.61	139	575539	35.977	ng	98
27) 2,4-Dimethylphenol	9.68	122	1235597	39.490	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	1764391	40.251	ng	99
29) 2,4-Dichlorophenol	10.15	162	1198335	36.389	ng	100
30) 1,2,4-Trichlorobenzene	10.36	180	1433755	37.245	ng	99
31) Naphthalene	10.55	128	4104232	36.195	ng	100
32) Benzoic acid	9.80	122	534526	32.082	ng	99
33) 4-Chloroaniline	10.65	127	357815	7.614	ng	99
34) Hexachlorobutadiene	10.85	225	870174	36.938	ng	99
35) Caprolactam	11.40	113	341004m	33.467	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1162487	33.960	ng	99
37) 2-Methylnaphthalene	12.17	142	2837245	35.176	ng	99
38) 1-Methylnaphthalene	12.39	142	2653389	34.946	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1502568	39.718	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1934283	98.560	ng	99
43) 2,4,6-Trichlorophenol	12.78	196	830187	37.863	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	891734	37.074	ng	98
46) 1,1'-Biphenyl	13.19	154	3416513	39.277	ng	100
47) 2-Chloronaphthalene	13.22	162	2603823	38.227	ng	100
48) 2-Nitroaniline	13.42	65	587622	35.696	ng	99
49) Acenaphthylene	14.07	152	3999885	37.444	ng	100
50) Dimethylphthalate	13.82	163	3614622	43.922	ng	100
51) 2,6-Dinitrotoluene	13.92	165	600028	33.290	ng	96
52) Acenaphthene	14.42	154	2585968	37.664	ng	100
53) 3-Nitroaniline	14.25	138	274211	16.391	ng	96
54) 2,4-Dinitrophenol	14.45	184	412028	55.468	ng	94
55) Dibenzofuran	14.76	168	3683829	34.980	ng	98
56) 4-Nitrophenol	14.56	139	1004405	68.827	ng	99
57) 2,4-Dinitrotoluene	14.71	165	770338	32.816	ng	95
58) Fluorene	15.40	166	2884067	34.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	715090	35.631	ng	100
60) Diethylphthalate	15.20	149	2815538	35.012	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1528808	36.025	ng	99
62) 4-Nitroaniline	15.41	138	550051	29.769	ng	98
63) Azobenzene	15.70	77	2804216	34.638	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	303126	32.499	ng	96
66) n-Nitrosodiphenylamine	15.62	169	2467763	38.291	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	923474	39.008	ng	98
68) Hexachlorobenzene	16.42	284	1039482	37.961	ng	99
69) Atrazine	16.58	200	711913	32.605	ng	99
70) Pentachlorophenol	16.76	266	1089607	76.735	ng	99
71) Phenanthrene	17.15	178	4254618	37.286	ng	99
72) Anthracene	17.24	178	4296363	38.523	ng	99
73) Carbazole	17.50	167	3762606	34.546	ng	100
74) Di-n-butylphthalate	18.09	149	4475715	39.065	ng	99
75) Fluoranthene	19.12	202	4885666	37.162	ng	99
77) Benzidine	19.30	184	2455096	46.283	ng	100
78) Pyrene	19.47	202	4918324	40.444	ng	99
80) Butylbenzylphthalate	20.37	149	1779268	36.781	ng	97
81) Benzo(a)anthracene	21.18	228	4536479	38.285	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	1133476	24.168	ng	99
83) Chrysene	21.23	228	4243976	37.969	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2686819	39.922	ng	98
85) Di-n-octyl phthalate	22.03	149	4390303	39.709	ng	100
87) Indeno(1,2,3-cd)pyrene	25.78	276	6899165	43.601	ng	100
88) Benzo(b)fluoranthene	22.78	252	4984139	35.747	ng	100
89) Benzo(k)fluoranthene	22.83	252	4888548	37.096	ng	99
90) Benzo(a)pyrene	23.36	252	4762723	37.804	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	5679485	42.173	ng	99
92) Benzo(g,h,i)perylene	26.48	276	5794815	44.497	ng	100

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

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