Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
Data File : BP003019.D
Acq On : 18 Aug 2020 16:15
Operator : CG/JU
Sample : L3712-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : V-23615MSD

Manual Integrations APPROVED
mohammad
8/19/2020 2:25:06 PM

Quant Time: Aug 18 19:15:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	373827	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1488434	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	873106	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1504562	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1514236	20.00	ng		0.00
86) Perylene-d12	23.43	264	1750785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1764681	72.25	ng		0.00
7) Phenol-d6	6.87	99	2089335	61.61	ng		0.00
23) Nitrobenzene-d5	8.83	82	1177272	42.84	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	762680	70.28	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	3211151	50.25	ng		0.00
79) Terphenyl-d14	19.66	244	3598301	47.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	276802	26.400	ng		99
3) Pyridine	3.61	79	670490	22.953	ng		100
4) n-Nitrosodimethylamine	3.53	42	233889	27.257	ng		98
6) Aniline	7.01	93	1167966	29.687	ng		99
8) 2-Chlorophenol	7.25	128	1098381	42.176	ng		100
9) Benzaldehyde	6.82	77	503176	27.869	ng		99
10) Phenol	6.89	94	1203747	35.246	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	880719	33.527	ng		98
12) 1,3-Dichlorobenzene	7.57	146	1182185	40.219	ng		100
13) 1,4-Dichlorobenzene	7.72	146	1200537	40.407	ng		99
14) 1,2-Dichlorobenzene	8.03	146	1156471	40.816	ng		100
15) Benzyl Alcohol	7.92	79	697409	31.169	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	713829	28.924	ng		99
17) 2-Methylphenol	8.13	107	820771	37.608	ng		99
18) Hexachloroethane	8.76	117	400577	38.655	ng		96
19) n-Nitroso-di-n-propylamine	8.49	70	535891	27.426	ng		98
20) 3+4-Methylphenols	8.46	107	1091357	37.104	ng		99
22) Acetophenone	8.50	105	1359871	32.382	ng	#	97
24) Nitrobenzene	8.87	77	860350	28.837	ng		97
25) Isophorone	9.40	82	1663225	28.172	ng		100
26) 2-Nitrophenol	9.58	139	560729	45.307	ng		97
27) 2,4-Dimethylphenol	9.66	122	953965	40.575	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	1129146	34.281	ng		99
29) 2,4-Dichlorophenol	10.12	162	1003383	40.550	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	1072487	37.077	ng		99
31) Naphthalene	10.52	128	3189130	37.429	ng		99
32) Benzoic acid	9.80	122	637938	46.434	ng		96
33) 4-Chloroaniline	10.62	127	987711	27.972	ng		99
34) Hexachlorobutadiene	10.82	225	610097	34.466	ng		99
35) Caprolactam	11.39	113	313547m	40.953	ng		
36) 4-Chloro-3-methylphenol	11.76	107	931478	36.213	ng		99
37) 2-Methylnaphthalene	12.13	142	2311037	38.131	ng		100
38) 1-Methylnaphthalene	12.36	142	2174348	38.111	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	1092167	34.792	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1099341	67.507 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	750122	41.230 ng	98
44) 2,4,5-Trichlorophenol	12.82	196	828965	41.534 ng	99
46) 1,1'-Biphenyl	13.16	154	2842609	39.383 ng	100
47) 2-Chloronaphthalene	13.20	162	2170161	38.396 ng	98
48) 2-Nitroaniline	13.39	65	431059	32.018 ng	93
49) Acenaphthylene	14.05	152	3627123	40.920 ng	100
50) Dimethylphthalate	13.79	163	2953593	43.252 ng	100
51) 2,6-Dinitrotoluene	13.90	165	607158	39.959 ng	97
52) Acenaphthene	14.39	154	2011549	35.308 ng	100
53) 3-Nitroaniline	14.22	138	455747	29.547 ng	97
54) 2,4-Dinitrophenol	14.43	184	362673	58.349 ng	98
55) Dibenzofuran	14.73	168	2786746	31.890 ng	99
56) 4-Nitrophenol	14.55	139	978608	80.815 ng	96
57) 2,4-Dinitrotoluene	14.69	165	713301	36.178 ng	99
58) Fluorene	15.38	166	2107610	30.804 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	616798	37.038 ng	100
60) Diethylphthalate	15.17	149	2351086	35.234 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1041884	29.588 ng	98
62) 4-Nitroaniline	15.39	138	473431	30.789 ng	96
63) Azobenzene	15.67	77	1646817	24.515 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	251130	34.330 ng	96
66) n-Nitrosodiphenylamine	15.59	169	1964987	39.434 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	693537	37.889 ng	98
68) Hexachlorobenzene	16.40	284	794028	37.504 ng	97
69) Atrazine	16.56	200	623232	36.917 ng	99
70) Pentachlorophenol	16.74	266	1023642	93.237 ng	99
71) Phenanthrene	17.13	178	3656177	41.441 ng	99
72) Anthracene	17.22	178	3541589	41.071 ng	100
73) Carbazole	17.49	167	3271905	38.854 ng	99
74) Di-n-butylphthalate	18.06	149	4076214	46.015 ng	100
75) Fluoranthene	19.10	202	4527260	44.537 ng	98
77) Benzidine	19.28	184	3187206	69.025 ng	99
78) Pyrene	19.45	202	4568414	43.157 ng	100
80) Butylbenzylphthalate	20.34	149	2019652	47.034 ng	99
81) Benzo(a)anthracene	21.16	228	4327852	41.960 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1617829	39.629 ng	99
83) Chrysene	21.22	228	4029346	41.414 ng	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	2893381	49.388 ng	99
85) Di-n-octyl phthalate	21.99	149	5366000	55.756 ng	100
87) Indeno(1,2,3-cd)pyrene	25.73	276	5253788	37.470 ng	98
88) Benzo(b)fluoranthene	22.75	252	5199232	42.082 ng	99
89) Benzo(k)fluoranthene	22.80	252	4586354	39.275 ng	99
90) Benzo(a)pyrene	23.33	252	4540000	40.668 ng	100
91) Dibenzo(a,h)anthracene	25.74	278	4209322	35.273 ng	98
92) Benzo(g,h,i)perylene	26.43	276	4560821	39.522 ng	99

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

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