Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002319.D
Acq On : 29 May 2020 17:28
Operator : CG/JU
Sample : L2776-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 351MSD

Manual Integrations APPROVED
mohammad
6/1/2020 12:24:22 PM

Quant Time: May 29 18:00:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	279082	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1139777	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	652918	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1317856	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1151585	20.00	ng	0.00
86) Perylene-d12	23.32	264	1375882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1493263	100.49	ng	0.00
7) Phenol-d6	6.79	99	2022669	100.06	ng	0.00
23) Nitrobenzene-d5	8.75	82	1281029	67.57	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	586650	94.80	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2555820	69.07	ng	0.00
79) Terphenyl-d14	19.59	244	3284939	69.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	255071	37.328	ng	99
3) Pyridine	3.56	79	666150	34.062	ng	99
4) n-Nitrosodimethylamine	3.48	42	305413	40.543	ng	100
6) Aniline	6.93	93	679954	24.345	ng	99
8) 2-Chlorophenol	7.18	128	722805	42.508	ng	99
9) Benzaldehyde	6.75	77	437683	38.737	ng	98
10) Phenol	6.82	94	960125	43.166	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	728582	39.346	ng	97
12) 1,3-Dichlorobenzene	7.50	146	763803	39.199	ng	98
13) 1,4-Dichlorobenzene	7.64	146	773802	39.542	ng	98
14) 1,2-Dichlorobenzene	7.95	146	735749	39.326	ng	98
15) Benzyl Alcohol	7.84	79	632030	41.149	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	990329	38.763	ng	99
17) 2-Methylphenol	8.05	107	620831	39.079	ng	99
18) Hexachloroethane	8.68	117	279581	39.920	ng	97
19) n-Nitroso-di-n-propylamine	8.41	70	533444	39.796	ng	99
20) 3+4-Methylphenols	8.38	107	829947	38.445	ng	97
22) Acetophenone	8.42	105	1024924	39.385	ng	99
24) Nitrobenzene	8.79	77	815498	39.460	ng	100
25) Isophorone	9.32	82	1506022	38.680	ng	99
26) 2-Nitrophenol	9.50	139	379541	43.106	ng	98
27) 2,4-Dimethylphenol	9.58	122	660465	45.558	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	943142	39.808	ng	100
29) 2,4-Dichlorophenol	10.03	162	665850	41.679	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	703141	39.085	ng	99
31) Naphthalene	10.43	128	2213161	41.404	ng	100
32) Benzoic acid	9.72	122	473608	42.669	ng	98
33) 4-Chloroaniline	10.53	127	236986	10.094	ng	99
34) Hexachlorobutadiene	10.73	225	388697	37.046	ng	99
35) Caprolactam	11.29	113	220194	39.793	ng	99
36) 4-Chloro-3-methylphenol	11.68	107	696844	40.502	ng	99
37) 2-Methylnaphthalene	12.05	142	1712963	45.704	ng	100
38) 1-Methylnaphthalene	12.27	142	1555091	43.709	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	700699	40.384	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	789688	85.603 ng		100
43) 2,4,6-Trichlorophenol	12.67	196	501112	41.711 ng		97
44) 2,4,5-Trichlorophenol	12.74	196	530121	38.024 ng		95
46) 1,1'-Biphenyl	13.08	154	1949369	45.562 ng		99
47) 2-Chloronaphthalene	13.12	162	1388114	39.324 ng		99
48) 2-Nitroaniline	13.32	65	438605	40.407 ng		96
49) Acenaphthylene	13.97	152	2311528	41.327 ng		99
50) Dimethylphthalate	13.72	163	2239047	50.663 ng		99
51) 2,6-Dinitrotoluene	13.83	165	378391	39.452 ng		95
52) Acenaphthene	14.32	154	2143787m	59.578 ng		
53) 3-Nitroaniline	14.15	138	171196	15.600 ng		98
54) 2,4-Dinitrophenol	14.36	184	393166	81.125 ng		98
55) Dibenzofuran	14.65	168	2479767	46.608 ng		100
56) 4-Nitrophenol	14.47	139	698988	80.592 ng		99
57) 2,4-Dinitrotoluene	14.62	165	500486	38.823 ng	#	99
58) Fluorene	15.30	166	1924779	48.778 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	444260m	40.008 ng		
60) Diethylphthalate	15.10	149	1654108	37.848 ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	733409	35.221 ng		99
62) 4-Nitroaniline	15.32	138	341234	33.592 ng		97
63) Azobenzene	15.60	77	1745314	38.944 ng		97
65) 4,6-Dinitro-2-methylphenol	15.39	198	268709	41.232 ng		99
66) n-Nitrosodiphenylamine	15.52	169	1408966	40.718 ng		99
67) 4-Bromophenyl-phenylether	16.20	248	490412	37.866 ng		100
68) Hexachlorobenzene	16.32	284	534653	39.074 ng		98
69) Atrazine	16.49	200	449592	40.728 ng		98
70) Pentachlorophenol	16.66	266	668092	80.039 ng		98
71) Phenanthrene	17.05	178	4048958	64.863 ng		100
72) Anthracene	17.14	178	2763107	44.985 ng		100
73) Carbazole	17.41	167	2437715	40.586 ng		100
74) Di-n-butylphthalate	18.00	149	2803699	41.029 ng		99
75) Fluoranthene	19.03	202	4682524	65.127 ng		98
77) Benzidine	19.22	184	1563955	66.876 ng		99
78) Pyrene	19.39	202	4189858	58.429 ng		98
80) Butylbenzylphthalate	20.28	149	1230281	43.092 ng		92
81) Benzo(a)anthracene	21.10	228	3033468	46.017 ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	710027	30.743 ng		99
83) Chrysene	21.15	228	2886838	45.631 ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1841444	42.209 ng		98
85) Di-n-octyl phthalate	21.92	149	3227776	44.515 ng		99
87) Indeno(1,2,3-cd)pyrene	25.54	276	3671933	43.117 ng	#	95
88) Benzo(b)fluoranthene	22.66	252	3260127m	43.461 ng		
89) Benzo(k)fluoranthene	22.70	252	2942464	40.877 ng		98
90) Benzo(a)pyrene	23.22	252	2872963	41.288 ng		98
91) Dibenzo(a,h)anthracene	25.56	278	3010758	43.360 ng	#	95
92) Benzo(g,h,i)perylene	26.22	276	3134573	44.256 ng	#	94

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

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