Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002875.D
Acq On : 30 Jul 2020 13:15
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
7/31/2020 12:10:54 PM

Quant Time: Jul 30 14:25:13 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 13:10:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	476583	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1755358	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1050647	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	2175494	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2119473	20.00	ng	0.00
86) Perylene-d12	23.47	264	2146485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3118961	110.42	ng	0.00
7) Phenol-d6	6.89	99	4345189	107.79	ng	0.00
23) Nitrobenzene-d5	8.86	82	3416112	104.08	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1378896	125.73	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	7600538	111.91	ng	0.00
79) Terphenyl-d14	19.69	244	10289832	111.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	662221	53.773	ng	99
3) Pyridine	3.65	79	1883420m	51.318	ng	
4) n-Nitrosodimethylamine	3.57	42	551004	39.853	ng	99
6) Aniline	7.05	93	2512650	49.234	ng	99
8) 2-Chlorophenol	7.29	128	1659990	52.819	ng	100
9) Benzaldehyde	6.86	77	1100595	50.249	ng	100
10) Phenol	6.92	94	2179160	52.769	ng	100
11) bis(2-Chloroethyl)ether	7.15	93	1661460	48.371	ng	99
12) 1,3-Dichlorobenzene	7.61	146	1850456	51.348	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1866610	51.612	ng	99
14) 1,2-Dichlorobenzene	8.07	146	1778145	50.984	ng	99
15) Benzyl Alcohol	7.95	79	1463391	54.245	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1553625	31.450	ng	99
17) 2-Methylphenol	8.16	107	1397304	47.494	ng	99
18) Hexachloroethane	8.80	117	665876	51.981	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	1255668	51.148	ng	98
20) 3+4-Methylphenols	8.49	107	1897727	48.782	ng	99
22) Acetophenone	8.53	105	2521080	58.259	ng	100
24) Nitrobenzene	8.90	77	1842951	51.849	ng	99
25) Isophorone	9.43	82	3621808	54.145	ng	100
26) 2-Nitrophenol	9.62	139	713811	46.496	ng	98
27) 2,4-Dimethylphenol	9.68	122	1442976	57.894	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1987447	48.916	ng	99
29) 2,4-Dichlorophenol	10.15	162	1533903	55.820	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	1729326	54.943	ng	97
31) Naphthalene	10.55	128	5047721	54.467	ng	100
32) Benzoic acid	9.82	122	791453	46.487	ng	97
33) 4-Chloroaniline	10.65	127	2130558	53.651	ng	100
34) Hexachlorobutadiene	10.85	225	1062848	58.423	ng	98
35) Caprolactam	11.42	113	490966	51.100	ng	98
36) 4-Chloro-3-methylphenol	11.79	107	1604456	54.168	ng	99
37) 2-Methylnaphthalene	12.17	142	3635347	55.589	ng	99
38) 1-Methylnaphthalene	12.39	142	3412773	55.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1928384	59.722	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1046559	90.037	ng	99
43) 2,4,6-Trichlorophenol	12.78	196	1158206	56.039	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	1257657	52.465	ng	99
46) 1,1'-Biphenyl	13.19	154	4333163	55.321	ng	99
47) 2-Chloronaphthalene	13.22	162	3385406	53.213	ng	99
48) 2-Nitroaniline	13.42	65	832914	42.354	ng	99
49) Acenaphthylene	14.07	152	5394884	53.792	ng	99
50) Dimethylphthalate	13.82	163	4167293	52.009	ng	100
51) 2,6-Dinitrotoluene	13.93	165	914873	53.333	ng	94
52) Acenaphthene	14.42	154	3502343	58.432	ng	99
53) 3-Nitroaniline	14.25	138	952482	49.628	ng	99
54) 2,4-Dinitrophenol	14.46	184	343572	50.933	ng	92
55) Dibenzofuran	14.76	168	5228069	54.385	ng	99
56) 4-Nitrophenol	14.56	139	773790	57.790	ng	98
57) 2,4-Dinitrotoluene	14.72	165	1204765	53.328	ng	98
58) Fluorene	15.41	166	4101093	57.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1053979	55.779	ng	99
60) Diethylphthalate	15.20	149	4095869	52.722	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	2127086	56.280	ng	99
62) 4-Nitroaniline	15.42	138	952994	50.176	ng	99
63) Azobenzene	15.70	77	4073684	50.998	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	552187	46.863	ng	97
66) n-Nitrosodiphenylamine	15.62	169	3678123	57.234	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	1363174	57.524	ng	96
68) Hexachlorobenzene	16.42	284	1557586	62.383	ng	98
69) Atrazine	16.59	200	1274890	72.667	ng	99
70) Pentachlorophenol	16.76	266	838360	85.723	ng	100
71) Phenanthrene	17.15	178	6446572	54.730	ng	99
72) Anthracene	17.24	178	6343761	54.883	ng	99
73) Carbazole	17.51	167	6159333	54.302	ng	99
74) Di-n-butylphthalate	18.09	149	6687776	54.365	ng	99
75) Fluoranthene	19.13	202	7499952	54.951	ng	98
77) Benzidine	19.30	184	3401845	64.754	ng	99
78) Pyrene	19.48	202	7566396	51.706	ng	99
80) Butylbenzylphthalate	20.37	149	2980954	51.621	ng	100
81) Benzo(a)anthracene	21.19	228	7278900	53.053	ng	98
82) 3,3'-Dichlorobenzidine	21.12	252	3133119	68.954	ng	99
83) Chrysene	21.24	228	6906894	52.886	ng	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	4459111	55.520	ng	99
85) Di-n-octyl phthalate	22.03	149	7126037	49.350	ng	100
87) Indeno(1,2,3-cd)pyrene	25.79	276	9065469	58.434	ng	100
88) Benzo(b)fluoranthene	22.79	252	7720366	57.924	ng	99
89) Benzo(k)fluoranthene	22.83	252	7523645	57.308	ng	98
90) Benzo(a)pyrene	23.37	252	7153052	56.634	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	7683412	61.410	ng	99
92) Benzo(g,h,i)perylene	26.49	276	7417519	58.473	ng	99

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

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