Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044684.D
Acq On : 5 Mar 2020 14:44
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:31 PM

Quant Time: Mar 05 16:18:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 15:55:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57213	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	242192	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	168022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	386863	20.00	ng	0.00
76) Chrysene-d12	21.72	240	338740	20.00	ng	0.00
87) Perylene-d12	24.94	264	405723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	391838	109.89	ng	0.00
7) Phenol-d6	7.21	99	603565	123.66	ng	0.00
23) Nitrobenzene-d5	9.22	82	569870	121.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	239230	100.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1231120	104.92	ng	0.00
79) Terphenyl-d14	20.06	244	1937092	108.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	94785	60.914	ng	98
3) Pyridine	3.92	79	299518m	68.985	ng	
4) n-Nitrosodimethylamine	3.83	42	121799	73.861	ng	92
6) Aniline	7.38	93	373144	62.791	ng	99
8) 2-Chlorophenol	7.63	128	198749	51.059	ng	97
9) Benzaldehyde	7.19	77	170279	59.328	ng	99
10) Phenol	7.24	94	293778	62.109	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	222362	55.921	ng	96
12) 1,3-Dichlorobenzene	7.95	146	234570	50.525	ng	98
13) 1,4-Dichlorobenzene	8.10	146	237727	50.950	ng	98
14) 1,2-Dichlorobenzene	8.42	146	221815	49.991	ng	98
15) Benzyl Alcohol	8.29	79	260989	79.284	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	421607	78.893	ng	97
17) 2-Methylphenol	8.50	107	199533	59.049	ng	96
18) Hexachloroethane	9.15	117	94743	55.562	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	226676	72.248	ng	97
20) 3+4-Methylphenols	8.82	107	278344	60.166	ng	98
22) Acetophenone	8.88	105	361255	59.411	ng	99
24) Nitrobenzene	9.26	77	299717	65.807	ng	95
25) Isophorone	9.79	82	593754	67.515	ng	98
26) 2-Nitrophenol	9.98	139	100261	40.591	ng	97
27) 2,4-Dimethylphenol	10.03	122	185543	53.500	ng	92
28) bis(2-Chloroethoxy)methane	10.28	93	339842	58.435	ng	99
29) 2,4-Dichlorophenol	10.51	162	219104	52.843	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	249606	52.053	ng	98
31) Naphthalene	10.92	128	691830	52.350	ng	98
32) Benzoic acid	10.17	122	143641	106.708	ng	91
33) 4-Chloroaniline	11.02	127	321767	55.279	ng	97
34) Hexachlorobutadiene	11.22	225	169303	56.221	ng	96
35) Caprolactam	11.79	113	88188	59.413	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	271445	63.599	ng	100
37) 2-Methylnaphthalene	12.53	142	520118	53.252	ng	98
38) 1-Methylnaphthalene	12.74	142	488448	52.631	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	282307	49.909	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	166503	74.618	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	199897	54.426	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	201459	53.397	ng	94
46) 1,1'-Biphenyl	13.53	154	692307	49.790	ng	99
47) 2-Chloronaphthalene	13.57	162	526250	48.265	ng	97
48) 2-Nitroaniline	13.76	65	191180	63.165	ng	97
49) Acenaphthylene	14.42	152	838290	52.085	ng	99
50) Dimethylphthalate	14.15	163	711198	52.442	ng	99
51) 2,6-Dinitrotoluene	14.26	165	133815	44.740	ng	97
52) Acenaphthene	14.76	154	541324	52.763	ng	98
53) 3-Nitroaniline	14.59	138	154208	47.806	ng	100
54) 2,4-Dinitrophenol	14.79	184	61077	42.497	ng	89
55) Dibenzofuran	15.09	168	808781	51.421	ng	99
56) 4-Nitrophenol	14.88	139	119546	53.878	ng	97
57) 2,4-Dinitrotoluene	15.05	165	181945	43.268	ng	96
58) Fluorene	15.75	166	665099	53.332	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	197351	56.802	ng	94
60) Diethylphthalate	15.52	149	759916	56.553	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	365271	53.869	ng	97
62) 4-Nitroaniline	15.75	138	166841	51.655	ng	95
63) Azobenzene	16.03	77	799450	69.908	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	81106	33.859	ng	97
66) n-Nitrosodiphenylamine	15.95	169	612876	50.788	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	247044	51.445	ng	97
68) Hexachlorobenzene	16.75	284	264543	48.726	ng	97
69) Atrazine	16.90	200	237171	53.164	ng	99
70) Pentachlorophenol	17.09	266	157595	70.063	ng	95
71) Phenanthrene	17.48	178	1082882	50.559	ng	99
72) Anthracene	17.58	178	1068439	50.620	ng	99
73) Carbazole	17.84	167	1023340	53.264	ng	97
74) Di-n-butylphthalate	18.42	149	1311089	54.458	ng	100
75) Fluoranthene	19.49	202	1317505	51.963	ng	99
77) Benzidine	19.66	184	695239	59.916	ng	98
78) Pyrene	19.85	202	1323673	53.831	ng	100
80) Butylbenzylphthalate	20.75	149	607382	56.470	ng	97
81) Benzo(a)anthracene	21.70	228	1307136	54.904	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	528611	56.202	ng	98
83) Chrysene	21.77	228	1240165	53.876	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	826499	55.768	ng	97
85) Di-n-octyl phthalate	22.87	149	1449916	55.606	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1646421	55.733	ng	99
88) Benzo(b)fluoranthene	23.93	252	1439272	53.955	ng	98
89) Benzo(k)fluoranthene	24.00	252	1328834	51.340	ng	100
90) Benzo(a)pyrene	24.80	252	1330889	53.101	ng	97
91) Dibenzo(a,h)anthracene	28.70	278	1323915	53.411	ng	99
92) Benzo(g,h,i)perylene	29.77	276	1326004	53.394	ng	97

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

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