Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044984.D
Acq On : 15 Apr 2020 16:18
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
4/16/2020 12:54:49 PM

Quant Time: Apr 15 17:51:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	84568	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	348910	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	253294	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	595236	20.00	ng		0.00
76) Chrysene-d12	21.67	240	551151	20.00	ng		0.00
87) Perylene-d12	24.86	264	615926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	777726	143.16	ng		0.00
7) Phenol-d6	7.19	99	1170100	148.24	ng		0.01
23) Nitrobenzene-d5	9.19	82	1181528	148.60	ng		0.01
42) 2,4,6-Tribromophenol	16.15	330	607219	183.09	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	2469389	139.61	ng		0.00
79) Terphenyl-d14	20.02	244	3415825	115.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	173502	66.322	ng		96
3) Pyridine	3.89	79	556521m	71.860	ng		
4) n-Nitrosodimethylamine	3.80	42	174084	59.244	ng		95
6) Aniline	7.35	93	770484	78.448	ng		99
8) 2-Chlorophenol	7.59	128	422092	77.833	ng		97
9) Benzaldehyde	7.16	77	268251	58.242	ng		96
10) Phenol	7.22	94	592366	75.805	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	461438	73.990	ng		99
12) 1,3-Dichlorobenzene	7.92	146	499392	74.754	ng		98
13) 1,4-Dichlorobenzene	8.06	146	494009	74.799	ng		99
14) 1,2-Dichlorobenzene	8.38	146	465308	74.286	ng		92
15) Benzyl Alcohol	8.26	79	496793	78.445	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	454581	41.304	ng		98
17) 2-Methylphenol	8.47	107	454933	85.945	ng		96
18) Hexachloroethane	9.11	117	185339	71.280	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	412391	73.993	ng		98
20) 3+4-Methylphenols	8.80	107	633928	86.877	ng		97
22) Acetophenone	8.84	105	721134	72.955	ng	#	98
24) Nitrobenzene	9.23	77	608200	73.719	ng		98
25) Isophorone	9.76	82	1181255	76.120	ng		96
26) 2-Nitrophenol	9.94	139	276376	102.731	ng		98
27) 2,4-Dimethylphenol	10.00	122	412339	81.593	ng		94
28) bis(2-Chloroethoxy)methane	10.24	93	621399	67.098	ng		100
29) 2,4-Dichlorophenol	10.48	162	484803	82.132	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	538391	76.282	ng		96
31) Naphthalene	10.89	128	1445566	74.791	ng		98
32) Benzoic acid	10.18	122	372528	106.319	ng		98
33) 4-Chloroaniline	10.98	127	682726	78.403	ng		99
34) Hexachlorobutadiene	11.18	225	370048	79.727	ng		99
35) Caprolactam	11.78	113	184573	82.588	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	553823	78.669	ng		98
37) 2-Methylnaphthalene	12.49	142	1116654	77.234	ng		96
38) 1-Methylnaphthalene	12.71	142	1051233	77.339	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	623888	74.791	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	419754	92.075	ng		94
43) 2,4,6-Trichlorophenol	13.09	196	444466	80.286	ng		94
44) 2,4,5-Trichlorophenol	13.17	196	502606	87.544	ng		99
46) 1,1'-Biphenyl	13.50	154	1437545	71.020	ng		96
47) 2-Chloronaphthalene	13.54	162	1109061	71.725	ng		96
48) 2-Nitroaniline	13.73	65	379656	70.133	ng		99
49) Acenaphthylene	14.38	152	1776161	73.321	ng		96
50) Dimethylphthalate	14.12	163	1485835	73.652	ng		97
51) 2,6-Dinitrotoluene	14.23	165	361601	88.924	ng		99
52) Acenaphthene	14.72	154	1241143	78.232	ng		99
53) 3-Nitroaniline	14.56	138	383996	82.136	ng		91
54) 2,4-Dinitrophenol	14.76	184	234951	129.909	ng		96
55) Dibenzofuran	15.06	168	1720607	74.789	ng		93
56) 4-Nitrophenol	14.87	139	304154	85.245	ng		96
57) 2,4-Dinitrotoluene	15.02	165	523541	93.876	ng		92
58) Fluorene	15.71	166	1412212	74.621	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	449513	85.043	ng		99
60) Diethylphthalate	15.48	149	1563010	74.284	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	826772	81.133	ng		99
62) 4-Nitroaniline	15.73	138	387750	77.781	ng		98
63) Azobenzene	15.99	77	1462669	66.941	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	325182	126.153	ng		99
66) n-Nitrosodiphenylamine	15.92	169	1288695	71.911	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	599664	80.586	ng		99
68) Hexachlorobenzene	16.72	284	618108	76.565	ng		98
70) Pentachlorophenol	17.06	266	386726	87.064	ng		98
71) Phenanthrene	17.45	178	2231543	70.156	ng		95
72) Anthracene	17.54	178	2228107	71.038	ng		95
73) Carbazole	17.81	167	2158310	71.637	ng		96
74) Di-n-butylphthalate	18.37	149	2464810	67.300	ng	#	95
75) Fluoranthene	19.46	202	2610770	68.934	ng		95
78) Pyrene	19.82	202	2631646	65.081	ng		94
80) Butylbenzylphthalate	20.70	149	1188478	66.066	ng		95
81) Benzo(a)anthracene	21.66	228	2629053	66.245	ng		94
82) 3,3'-Dichlorobenzidine	21.57	252	1037137	67.551	ng		97
83) Chrysene	21.72	228	2516915	66.392	ng		94
84) Bis(2-ethylhexyl)phthalate	21.57	149	1601010	64.486	ng		96
85) Di-n-octyl phthalate	22.78	149	2771201	66.702	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	3576226	71.955	ng	#	89
88) Benzo(b)fluoranthene	23.86	252	2979112	73.265	ng		97
89) Benzo(k)fluoranthene	23.93	252	2689997	69.906	ng		96
90) Benzo(a)pyrene	24.72	252	2766593	72.714	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	2822513	75.194	ng		96
92) Benzo(g,h,i)perylene	29.65	276	2868974	75.651	ng		99

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

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