Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045769.D
Acq On : 15 Jun 2020 17:39
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG061520

Quant Time: Jun 15 18:37:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	50464	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	185891	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	129400	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	307445	20.00	ng		0.00
76) Chrysene-d12	21.58	240	284236	20.00	ng		0.00
86) Perylene-d12	24.70	264	314747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	248088	83.05	ng		0.00
7) Phenol-d6	7.17	99	377335	83.04	ng		0.00
23) Nitrobenzene-d5	9.09	82	350463	86.13	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	170957	87.51	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	781595	88.76	ng		0.00
79) Terphenyl-d14	19.94	244	1255184	89.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	55477	40.546	ng		98
3) Pyridine	3.77	79	169339	41.765	ng		97
4) n-Nitrosodimethylamine	3.69	42	55559	40.823	ng	#	89
6) Aniline	7.26	93	221452	41.389	ng		96
8) 2-Chlorophenol	7.51	128	133595	41.779	ng		93
9) Benzaldehyde	7.06	77	114583	41.982	ng		95
10) Phenol	7.20	94	182396	41.426	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	136537	40.827	ng		95
12) 1,3-Dichlorobenzene	7.81	146	159181	41.772	ng		97
13) 1,4-Dichlorobenzene	7.95	146	158983	41.769	ng		98
14) 1,2-Dichlorobenzene	8.28	146	151096	41.465	ng		95
15) Benzyl Alcohol	8.18	79	147892	42.057	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	129285	41.018	ng		99
17) 2-Methylphenol	8.42	107	134514	41.052	ng		96
18) Hexachloroethane	9.01	117	58971	40.793	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	125518	42.015	ng		99
20) 3+4-Methylphenols	8.76	107	179521	41.659	ng		96
22) Acetophenone	8.75	105	216699	42.472	ng	#	99
24) Nitrobenzene	9.13	77	184605	42.549	ng		99
25) Isophorone	9.65	82	342522	43.481	ng		99
26) 2-Nitrophenol	9.84	139	78534	43.448	ng		94
27) 2,4-Dimethylphenol	9.95	122	120090	43.516	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	179297	43.574	ng		99
29) 2,4-Dichlorophenol	10.42	162	141950	44.088	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	163698	42.947	ng		97
31) Naphthalene	10.78	128	437997	43.098	ng		99
32) Benzoic acid	10.15	122	70761	41.120	ng		96
33) 4-Chloroaniline	10.90	127	187021	43.944	ng		99
34) Hexachlorobutadiene	11.07	225	118528	43.725	ng		98
35) Caprolactam	11.67	113	47529	45.618	ng	#	90
36) 4-Chloro-3-methylphenol	12.08	107	160436	43.157	ng		98
37) 2-Methylnaphthalene	12.39	142	326568	43.153	ng		98
38) 1-Methylnaphthalene	12.61	142	312624	43.653	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	188070	44.139	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	86315	41.234 ng		99
43) 2,4,6-Trichlorophenol	13.02	196	124687	43.161 ng		93
44) 2,4,5-Trichlorophenol	13.12	196	144219	43.803 ng		97
46) 1,1'-Biphenyl	13.40	154	409075	44.156 ng		99
47) 2-Chloronaphthalene	13.45	162	323964	43.290 ng		97
48) 2-Nitroaniline	13.66	65	110025	44.199 ng		98
49) Acenaphthylene	14.29	152	527165	43.979 ng		100
50) Dimethylphthalate	14.03	163	439471	43.353 ng		99
51) 2,6-Dinitrotoluene	14.15	165	96842	42.534 ng		94
52) Acenaphthene	14.63	154	317176	43.653 ng		98
53) 3-Nitroaniline	14.50	138	98278	43.214 ng		95
54) 2,4-Dinitrophenol	14.70	184	44662	40.762 ng		91
55) Dibenzofuran	14.97	168	519894	44.047 ng		98
56) 4-Nitrophenol	14.89	139	65910	42.415 ng		93
57) 2,4-Dinitrotoluene	14.94	165	144044	44.156 ng		97
58) Fluorene	15.62	166	430763	43.889 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	125857	44.042 ng		97
60) Diethylphthalate	15.39	149	448698	43.298 ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	248089	43.856 ng		98
62) 4-Nitroaniline	15.67	138	101800	43.616 ng		94
63) Azobenzene	15.91	77	431586	43.374 ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	81415	42.850 ng		96
66) n-Nitrosodiphenylamine	15.83	169	369690	42.454 ng		99
67) 4-Bromophenyl-phenylether	16.51	248	170761	42.745 ng		94
68) Hexachlorobenzene	16.63	284	178522	43.096 ng		95
69) Atrazine	16.78	200	146694	43.412 ng		99
70) Pentachlorophenol	16.99	266	74548	40.641 ng		94
71) Phenanthrene	17.36	178	675773	42.619 ng		98
72) Anthracene	17.45	178	676783	42.863 ng		99
73) Carbazole	17.73	167	643105	42.776 ng		99
74) Di-n-butylphthalate	18.29	149	761199	42.761 ng		99
75) Fluoranthene	19.37	202	840229	43.094 ng		99
77) Benzidine	19.56	184	302873	40.988 ng		98
78) Pyrene	19.74	202	840644	44.166 ng		99
80) Butylbenzylphthalate	20.63	149	346210	43.456 ng		95
81) Benzo(a)anthracene	21.56	228	797287	43.265 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	301491	43.252 ng		98
83) Chrysene	21.62	228	775962	43.535 ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	487854	44.024 ng		98
85) Di-n-octyl phthalate	22.65	149	841172	44.006 ng		99
87) Indeno(1,2,3-cd)pyrene	28.26	276	986580	43.237 ng	#	95
88) Benzo(b)fluoranthene	23.72	252	875144	44.346 ng		98
89) Benzo(k)fluoranthene	23.79	252	821031	43.470 ng		97
90) Benzo(a)pyrene	24.56	252	798003	43.288 ng		99
91) Dibenzo(a,h)anthracene	28.31	278	799113	43.673 ng		99
92) Benzo(g,h,i)perylene	29.37	276	792879	43.293 ng		97

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

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