Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040182.D
Acq On : 27 Mar 2019 21:44
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG032719

Quant Time: Mar 28 06:35:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58188	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	247410	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	151914	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	355546	20.00	ng	0.00
76) Chrysene-d12	21.72	240	340686	20.00	ng	0.00
87) Perylene-d12	25.03	264	363958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	284915	81.40	ng	0.00
7) Phenol-d6	7.22	99	393024	81.25	ng	0.00
23) Nitrobenzene-d5	9.24	82	383943	82.49	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	140314	85.46	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	859634	83.85	ng	0.00
79) Terphenyl-d14	20.05	244	1232292	81.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	66181	40.211	ng	98
3) Pyridine	3.93	79	183071	41.312	ng	98
4) n-Nitrosodimethylamine	3.85	42	83499	40.735	ng	92
6) Aniline	7.40	93	253104	40.273	ng	98
8) 2-Chlorophenol	7.63	128	166180	40.558	ng	96
9) Benzaldehyde	7.21	77	138687	41.796	ng	98
10) Phenol	7.25	94	214636	40.879	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	170422	40.525	ng	99
12) 1,3-Dichlorobenzene	7.96	146	180275	40.474	ng	93
13) 1,4-Dichlorobenzene	8.11	146	183781	41.428	ng	99
14) 1,2-Dichlorobenzene	8.43	146	175444	41.356	ng	98
15) Benzyl Alcohol	8.31	79	157160	40.341	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	320004	39.649	ng	99
17) 2-Methylphenol	8.50	107	144193	39.687	ng	97
18) Hexachloroethane	9.15	117	68285	40.467	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	138221	39.853	ng	99
20) 3+4-Methylphenols	8.83	107	197339	40.093	ng	96
22) Acetophenone	8.90	105	252772	40.957	ng	98
24) Nitrobenzene	9.29	77	199966	41.487	ng	99
25) Isophorone	9.80	82	393260	41.062	ng	99
26) 2-Nitrophenol	10.00	139	96603	42.297	ng	96
27) 2,4-Dimethylphenol	10.04	122	149962	41.336	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	234512	41.388	ng	100
29) 2,4-Dichlorophenol	10.53	162	163876	41.616	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	180091	41.651	ng	100
31) Naphthalene	10.94	128	531923	41.945	ng	98
32) Benzoic acid	10.19	122	88075	40.182	ng	91
33) 4-Chloroaniline	11.05	127	224338	41.472	ng	99
34) Hexachlorobutadiene	11.20	225	116306	42.059	ng	95
35) Caprolactam	11.84	113	62543	40.023	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	185638	41.007	ng	97
37) 2-Methylnaphthalene	12.54	142	388882	41.463	ng	100
38) 1-Methylnaphthalene	12.75	142	374049	41.127	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	200957	41.620	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	107175	40.426 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	130238	41.837 ng		99
44) 2,4,5-Trichlorophenol	13.21	196	138476	40.811 ng		99
46) 1,1'-Biphenyl	13.53	154	502011	41.823 ng		98
47) 2-Chloronaphthalene	13.58	162	381505	41.436 ng		97
48) 2-Nitroaniline	13.79	65	127946	41.198 ng		95
49) Acenaphthylene	14.43	152	652572	41.803 ng		99
50) Dimethylphthalate	14.15	163	493522	41.509 ng		99
51) 2,6-Dinitrotoluene	14.29	165	112369	42.092 ng		99
52) Acenaphthene	14.77	154	368607	41.208 ng		98
53) 3-Nitroaniline	14.62	138	116595	41.260 ng		95
54) 2,4-Dinitrophenol	14.82	184	59578	41.964 ng		95
55) Dibenzofuran	15.10	168	603748	42.004 ng		99
56) 4-Nitrophenol	14.91	139	95050	41.676 ng		98
57) 2,4-Dinitrotoluene	15.07	165	155864	42.018 ng	#	97
58) Fluorene	15.74	166	468919	41.495 ng		95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	126770	41.172 ng		100
60) Diethylphthalate	15.50	149	505450	41.545 ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	249621	41.324 ng		99
62) 4-Nitroaniline	15.78	138	125219	41.291 ng		97
63) Azobenzene	16.03	77	469897	40.946 ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	81944	41.023 ng		96
66) n-Nitrosodiphenylamine	15.95	169	422294	40.589 ng		99
67) 4-Bromophenyl-phenylether	16.63	248	166425	41.595 ng		97
68) Hexachlorobenzene	16.74	284	163468	40.634 ng		99
69) Atrazine	16.89	200	156966	40.557 ng		99
70) Pentachlorophenol	17.09	266	93292	40.111 ng		98
71) Phenanthrene	17.49	178	771544	41.285 ng		98
72) Anthracene	17.58	178	774203	41.389 ng		99
73) Carbazole	17.86	167	729191	41.191 ng		100
74) Di-n-butylphthalate	18.39	149	864513	41.199 ng		100
75) Fluoranthene	19.50	202	918218	41.494 ng		99
77) Benzidine	19.68	184	471590	38.333 ng		97
78) Pyrene	19.86	202	924828	41.280 ng		99
80) Butylbenzylphthalate	20.73	149	395165	41.219 ng		99
81) Benzo(a)anthracene	21.71	228	857116	40.845 ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	319935	40.079 ng		100
83) Chrysene	21.78	228	816968	40.510 ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	554351	40.451 ng		98
85) Di-n-octyl phthalate	22.81	149	945354	40.489 ng		100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1014333	41.123 ng	#	77
88) Benzo(b)fluoranthene	23.97	252	889917	39.937 ng		98
89) Benzo(k)fluoranthene	24.04	252	840752	41.029 ng		99
90) Benzo(a)pyrene	24.87	252	843234	40.332 ng		99
91) Dibenzo(a,h)anthracene	28.88	278	798635	41.129 ng		97
92) Benzo(g,h,i)perylene	30.01	276	814990	40.840 ng		100

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

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