Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
Data File : BG038063.D
Acq On : 19 Nov 2018 15:29
Operator : JU/SJ
Sample : PB114891BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114891BS

Quant Time: Nov 19 16:05:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42282	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	175483	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	108355	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	258928	20.00	ng		0.00
76) Chrysene-d12	21.75	240	241086	20.00	ng		0.00
87) Perylene-d12	25.08	264	252844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	314010	128.22	ng		0.00
7) Phenol-d6	7.24	99	420805	120.38	ng		0.00
23) Nitrobenzene-d5	9.26	82	200658	61.21	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	143952	116.49	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	446724	60.06	ng		0.00
79) Terphenyl-d14	20.07	244	743877	72.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37608	32.513	ng		98
3) Pyridine	3.92	79	108659	32.931	ng		100
4) n-Nitrosodimethylamine	3.84	42	49121	41.034	ng	#	98
6) Aniline	7.41	93	129576	28.720	ng		99
8) 2-Chlorophenol	7.65	128	114396	40.258	ng		95
9) Benzaldehyde	7.23	77	63119	24.968	ng		97
10) Phenol	7.26	94	149612	40.406	ng		100
11) bis(2-Chloroethyl)ether	7.51	93	109671	36.281	ng		97
12) 1,3-Dichlorobenzene	7.98	146	117852	36.002	ng		96
13) 1,4-Dichlorobenzene	8.12	146	117964	35.673	ng		100
14) 1,2-Dichlorobenzene	8.44	146	114120	36.147	ng		98
15) Benzyl Alcohol	8.33	79	98875	39.090	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	207789	37.019	ng		98
17) 2-Methylphenol	8.52	107	100572	40.175	ng		99
18) Hexachloroethane	9.17	117	42671	35.457	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	88160	34.854	ng		97
20) 3+4-Methylphenols	8.85	107	137873	38.852	ng		99
22) Acetophenone	8.92	105	166866	38.218	ng	#	99
24) Nitrobenzene	9.31	77	130566	38.935	ng		98
25) Isophorone	9.82	82	242012	41.016	ng		100
26) 2-Nitrophenol	10.02	139	62205	37.156	ng		96
27) 2,4-Dimethylphenol	10.06	122	113437	44.972	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	148475	39.352	ng		99
29) 2,4-Dichlorophenol	10.55	162	115028	40.543	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	117912	37.087	ng		100
31) Naphthalene	10.96	128	346807	40.181	ng		99
32) Benzoic acid	10.18	122	53062	36.609	ng		97
33) 4-Chloroaniline	11.07	127	95645	23.823	ng		96
34) Hexachlorobutadiene	11.22	225	68652	35.085	ng		98
35) Caprolactam	11.85	113	40456	35.624	ng		87
36) 4-Chloro-3-methylphenol	12.18	107	121997	39.358	ng		98
37) 2-Methylnaphthalene	12.56	142	255647	41.235	ng		99
38) 1-Methylnaphthalene	12.78	142	245709	41.173	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	131683	36.369	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	167007	86.139 ng		95
43) 2,4,6-Trichlorophenol	13.16	196	92779	37.604 ng		99
44) 2,4,5-Trichlorophenol	13.23	196	102885	39.631 ng		95
46) 1,1'-Biphenyl	13.56	154	324301	35.626 ng		99
47) 2-Chloronaphthalene	13.60	162	258565	37.223 ng		99
48) 2-Nitroaniline	13.82	65	88050	40.275 ng		94
49) Acenaphthylene	14.45	152	427211	40.898 ng		99
50) Dimethylphthalate	14.17	163	328759	38.272 ng		99
51) 2,6-Dinitrotoluene	14.30	165	77021	39.616 ng		96
52) Acenaphthene	14.79	154	245609	39.056 ng		95
53) 3-Nitroaniline	14.64	138	63050	29.390 ng	#	96
54) 2,4-Dinitrophenol	14.84	184	61765	61.317 ng		99
55) Dibenzofuran	15.12	168	401921	38.652 ng		99
56) 4-Nitrophenol	14.93	139	127203	76.879 ng		96
57) 2,4-Dinitrotoluene	15.08	165	108091	40.863 ng		96
58) Fluorene	15.77	166	322041	41.508 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	89785	41.332 ng		98
60) Diethylphthalate	15.53	149	343621	37.661 ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	164681	36.275 ng		98
62) 4-Nitroaniline	15.80	138	85617	40.174 ng		94
63) Azobenzene	16.05	77	321096	39.360 ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	53855	32.884 ng		90
66) n-Nitrosodiphenylamine	15.97	169	292711	37.368 ng		98
67) 4-Bromophenyl-phenylether	16.65	248	102394	36.029 ng		97
68) Hexachlorobenzene	16.77	284	106423	36.279 ng		98
69) Atrazine	16.91	200	109007	37.750 ng		98
70) Pentachlorophenol	17.11	266	119079	59.769 ng		98
71) Phenanthrene	17.51	178	543786	41.020 ng		99
72) Anthracene	17.61	178	550809	42.151 ng		99
73) Carbazole	17.88	167	505176	38.531 ng		99
74) Di-n-butylphthalate	18.41	149	594352	40.385 ng		99
75) Fluoranthene	19.52	202	644305	42.599 ng		99
77) Benzidine	19.70	184	294946	34.866 ng		99
78) Pyrene	19.89	202	644263	40.873 ng		97
80) Butylbenzylphthalate	20.75	149	276084	40.052 ng		99
81) Benzo(a)anthracene	21.74	228	611708	41.987 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	153642	27.073 ng		99
83) Chrysene	21.81	228	558105	40.038 ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	384381	39.102 ng		98
85) Di-n-octyl phthalate	22.84	149	653077	41.065 ng		99
86) Indeno(1,2,3-cd)pyrene	28.89	276	654343	42.266 ng	#	86
88) Benzo(b)fluoranthene	24.02	252	573902	41.246 ng		99
89) Benzo(k)fluoranthene	24.09	252	583977	42.534 ng		98
90) Benzo(a)pyrene	24.91	252	573962	43.163 ng		98
91) Dibenzo(a,h)anthracene	28.96	278	535195	41.830 ng		95
92) Benzo(g,h,i)perylene	30.09	276	527397	41.456 ng		98

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

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