Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038103.D
Acq On : 21 Nov 2018 3:58
Operator : JU/SJ
Sample : J5763-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMSD

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:22 PM

Quant Time: Nov 21 07:24:56 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	42391	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	174883	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108371	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	252052	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240011	20.00	ng	0.00
87) Perylene-d12	25.07	264	254609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	254288	103.57	ng	0.00
7) Phenol-d6	7.23	99	326706	93.22	ng	0.00
23) Nitrobenzene-d5	9.26	82	243213	74.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	135382	109.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	532411	71.57	ng	0.00
79) Terphenyl-d14	20.07	244	850822	83.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	35089	30.257	ng	# 2
3) Pyridine	3.93	79	77587	23.453	ng	97
4) n-Nitrosodimethylamine	3.84	42	51187	42.650	ng	97
6) Aniline	7.41	93	124413	27.505	ng	96
8) 2-Chlorophenol	7.64	128	117061	41.090	ng	96
9) Benzaldehyde	7.23	77	55337	21.833	ng	96
10) Phenol	7.26	94	130226	35.080	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	114382	37.742	ng	98
12) 1,3-Dichlorobenzene	7.97	146	111112	33.855	ng	96
13) 1,4-Dichlorobenzene	8.12	146	115062	34.706	ng	96
14) 1,2-Dichlorobenzene	8.44	146	112267	35.469	ng	98
15) Benzyl Alcohol	8.33	79	100435	39.604	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	227869	40.492	ng	100
17) 2-Methylphenol	8.52	107	101180	40.314	ng	97
18) Hexachloroethane	9.17	117	42431	35.167	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	93444	36.848	ng	99
20) 3+4-Methylphenols	8.85	107	141357	39.731	ng	95
22) Acetophenone	8.91	105	178350	40.989	ng	# 97
24) Nitrobenzene	9.31	77	141664	42.389	ng	95
25) Isophorone	9.82	82	266528	45.326	ng	96
26) 2-Nitrophenol	10.01	139	68311	40.944	ng	98
27) 2,4-Dimethylphenol	10.06	122	123172	48.999	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	159099	42.312	ng	97
29) 2,4-Dichlorophenol	10.55	162	123820	43.791	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	123723	39.048	ng	98
31) Naphthalene	10.96	128	369589	42.967	ng	99
32) Benzoic acid	10.18	122	46351m	33.612	ng	
33) 4-Chloroaniline	11.07	127	93730	23.426	ng	97
34) Hexachlorobutadiene	11.22	225	70908	36.362	ng	97
35) Caprolactam	11.85	113	32501	28.717	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	132417	42.866	ng	96
37) 2-Methylnaphthalene	12.56	142	277187	44.863	ng	98
38) 1-Methylnaphthalene	12.77	142	262178	44.083	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	138459	38.235	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	161509	83.291	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	102033	41.348	ng		96
44) 2,4,5-Trichlorophenol	13.23	196	110361	42.505	ng		98
46) 1,1'-Biphenyl	13.56	154	349617	38.401	ng		99
47) 2-Chloronaphthalene	13.60	162	276866	39.852	ng		98
48) 2-Nitroaniline	13.81	65	96652	44.203	ng		95
49) Acenaphthylene	14.45	152	455990	43.646	ng		100
50) Dimethylphthalate	14.17	163	358336	41.709	ng		99
51) 2,6-Dinitrotoluene	14.30	165	83017	42.694	ng		97
52) Acenaphthene	14.78	154	265513	42.215	ng		99
53) 3-Nitroaniline	14.64	138	72989	34.018	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	37042	40.485	ng		88
55) Dibenzofuran	15.12	168	432593	41.595	ng		99
56) 4-Nitrophenol	14.93	139	106148	64.144	ng		97
57) 2,4-Dinitrotoluene	15.08	165	118259	44.700	ng		97
58) Fluorene	15.76	166	342152	44.094	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	95477	43.946	ng		98
60) Diethylphthalate	15.52	149	372899	40.864	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	177487	39.090	ng		97
62) 4-Nitroaniline	15.80	138	90336	42.382	ng		96
63) Azobenzene	16.05	77	345811	42.384	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38839	24.362	ng		97
66) n-Nitrosodiphenylamine	15.97	169	313485	41.111	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	111819	40.419	ng		94
68) Hexachlorobenzene	16.76	284	113467	39.735	ng		98
69) Atrazine	16.91	200	103546	36.837	ng		99
70) Pentachlorophenol	17.11	266	106371	54.847	ng		98
71) Phenanthrene	17.51	178	577654	44.763	ng		98
72) Anthracene	17.60	178	583048	45.835	ng		100
73) Carbazole	17.87	167	533554	41.806	ng		99
74) Di-n-butylphthalate	18.41	149	639377	44.629	ng		99
75) Fluoranthene	19.52	202	687751	46.712	ng		99
77) Benzidine	19.71	184	52897	6.281	ng		98
78) Pyrene	19.88	202	693941	44.222	ng		98
80) Butylbenzylphthalate	20.75	149	302165	44.032	ng		99
81) Benzo(a)anthracene	21.73	228	656817	45.285	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	186244	32.964	ng		99
83) Chrysene	21.80	228	607024	43.742	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	426113	43.541	ng		98
85) Di-n-octyl phthalate	22.84	149	728327	46.002	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	661332	42.908	ng		99
88) Benzo(b)fluoranthene	24.01	252	635293	45.342	ng		99
89) Benzo(k)fluoranthene	24.08	252	642175	46.448	ng		99
90) Benzo(a)pyrene	24.92	252	631896	47.191	ng		98
91) Dibenzo(a,h)anthracene	28.95	278	546033	42.381	ng		98
92) Benzo(g,h,i)perylene	30.09	276	537844	41.985	ng		99

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

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