Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
Data File : BG036489.D
Acq On : 30 Aug 2018 22:06
Operator : JU/SJ
Sample : J4663-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6722AAMS

Manual Integrations APPROVED

Quant Time: Aug 31 01:49:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Sohil

8/31/2018 1:03:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58498	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	244688	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	166043	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	437855	20.00	ng	0.00
75) Chrysene-d12	21.70	240	453843	20.00	ng	-0.02
86) Perylene-d12	24.90	264	485984	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	430999	116.87	ng	0.00
7) Phenol-d6	7.22	99	564755	106.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	400299	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	284245	143.47	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	897863	77.21	ng	-0.01
78) Terphenyl-d14	20.04	244	1633221	84.11	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	53121	30.866	ng	# 88
3) Pyridine	3.95	79	131144	27.147	ng	96
4) n-Nitrosodimethylamine	3.85	42	78231	36.359	ng	94
6) Aniline	7.39	93	56122	8.374	ng	93
8) 2-Chlorophenol	7.62	128	155115	38.787	ng	99
9) Benzaldehyde	7.20	77	45077	12.398	ng	94
10) Phenol	7.25	94	194506	35.203	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	153975	35.151	ng	99
12) 1,3-Dichlorobenzene	7.95	146	158688	34.751	ng	99
13) 1,4-Dichlorobenzene	8.10	146	162368	35.218	ng	98
14) 1,2-Dichlorobenzene	8.42	146	154071	34.992	ng	96
15) Benzyl Alcohol	8.30	79	150838	35.438	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	296565	33.571	ng	99
17) 2-Methylphenol	8.50	107	141220	38.492	ng	98
18) Hexachloroethane	9.15	117	59160	35.790	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	133423	33.812	ng	93
20) 3+4-Methylphenols	8.82	107	196634	38.389	ng	98
22) Acetophenone	8.88	105	251471	39.137	ng	99
24) Nitrobenzene	9.27	77	199371	40.997	ng	96
25) Isophorone	9.79	82	375968	41.966	ng	98
26) 2-Nitrophenol	9.97	139	78805	40.894	ng	97
27) 2,4-Dimethylphenol	10.03	122	162640	45.586	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	217925	39.635	ng	99
29) 2,4-Dichlorophenol	10.51	162	172241	44.051	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	174152	38.073	ng	99
31) Naphthalene	10.92	128	522625	42.727	ng	99
32) Benzoic acid	10.15	122	81684	32.479	ng	97
34) Hexachlorobutadiene	11.20	225	115531	37.592	ng	97
35) Caprolactam	11.78	113	49042m	31.485	ng	
36) 4-Chloro-3-methylphenol	12.14	107	193962	42.691	ng	100
37) 2-Methylnaphthalene	12.52	142	390566	43.639	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	223342	38.009	ng	99
40) Hexachlorocyclopentadiene	12.86	237	244681	80.031	ng	98
42) 2,4,6-Trichlorophenol	13.12	196	148850	41.585	ng	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	165025	43.225 ng	97
45) 1,1'-Biphenyl	13.52	154	509401	36.959 ng	99
46) 2-Chloronaphthalene	13.56	162	393600	37.407 ng	99
47) 2-Nitroaniline	13.76	65	132352	40.057 ng	100
48) Acenaphthylene	14.41	152	678813	41.279 ng	100
49) Dimethylphthalate	14.14	163	640392	47.232 ng	99
50) 2,6-Dinitrotoluene	14.26	165	114537	41.054 ng	96
51) Acenaphthene	14.75	154	408952	38.831 ng	99
52) 3-Nitroaniline	14.58	138	10271	3.416 ng	97
53) 2,4-Dinitrophenol	14.79	184	81448	77.073 ng	94
54) Dibenzofuran	15.09	168	637220	38.620 ng	99
55) 4-Nitrophenol	14.89	139	179560	73.045 ng	98
56) 2,4-Dinitrotoluene	15.04	165	162847	44.786 ng	97
57) Fluorene	15.73	166	524101	42.491 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	166262	46.351 ng	96
59) Diethylphthalate	15.50	149	539152	39.458 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	294276	38.637 ng	97
61) 4-Nitroaniline	15.75	138	109234	34.720 ng	97
62) Azobenzene	16.02	77	530607	38.166 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	68920	35.832 ng	95
65) n-Nitrosodiphenylamine	15.94	169	476976	36.662 ng	99
66) 4-Bromophenyl-phenylether	16.62	248	197001	38.429 ng	99
67) Hexachlorobenzene	16.74	284	197678	37.711 ng	96
68) Atrazine	16.88	200	164861	33.760 ng	99
69) Pentachlorophenol	17.08	266	238218	66.866 ng	95
70) Phenanthrene	17.47	178	910100	40.906 ng	99
71) Anthracene	17.57	178	930332	41.948 ng	99
72) Carbazole	17.83	167	829950	37.471 ng	100
73) Di-n-butylphthalate	18.39	149	944436	38.292 ng	99
74) Fluoranthene	19.47	202	1114166	41.074 ng	99
76) Benzidine	19.67	184	39601m	2.735 ng	
77) Pyrene	19.84	202	1112816	39.873 ng	98
79) Butylbenzylphthalate	20.73	149	445000	40.065 ng	95
80) Benzo(a)anthracene	21.68	228	1132181	41.178 ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	77386	7.062 ng	98
82) Chrysene	21.74	228	1059382	40.650 ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	626206	40.290 ng	99
84) Di-n-octyl phthalate	22.81	149	1055833	40.671 ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1302880	43.043 ng	99
87) Benzo(b)fluoranthene	23.89	252	1129533	41.855 ng	97
88) Benzo(k)fluoranthene	23.96	252	1101828	41.792 ng	99
89) Benzo(a)pyrene	24.76	252	1109049	42.767 ng	100
90) Dibenzo(a,h)anthracene	28.63	278	1063531	42.482 ng	99
91) Benzo(g,h,i)perylene	29.72	276	1051123	41.781 ng	99

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

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