Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
Data File : BG036471.D
Acq On : 28 Aug 2018 23:33
Operator : JU/SJ
Sample : J4280-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-AMSD

Manual Integrations APPROVED
Sohil
8/29/2018 3:13:11 PM

Quant Time: Aug 29 02:08:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62744	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	268502	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	178479	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	455104	20.00	ng		0.00
75) Chrysene-d12	21.70	240	459545	20.00	ng		-0.01
86) Perylene-d12	24.92	264	484827	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	435506	110.10	ng		0.00
7) Phenol-d6	7.22	99	566455	100.03	ng		0.00
23) Nitrobenzene-d5	9.22	82	404701	81.78	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	285409	134.02	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	908960	72.72	ng		-0.01
78) Terphenyl-d14	20.04	244	1574053	80.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51577	27.941	ng	#	93
3) Pyridine	3.94	79	132822	25.634	ng		94
4) n-Nitrosodimethylamine	3.85	42	77763	33.695	ng		86
6) Aniline	7.39	93	167748	23.336	ng		99
8) 2-Chlorophenol	7.63	128	165873	38.671	ng		97
9) Benzaldehyde	7.20	77	93347	23.936	ng		97
10) Phenol	7.25	94	199988	33.745	ng		100
11) bis(2-Chloroethyl)ether	7.48	93	165905	35.311	ng		97
12) 1,3-Dichlorobenzene	7.95	146	166238	33.941	ng		96
13) 1,4-Dichlorobenzene	8.10	146	169330	34.243	ng		98
14) 1,2-Dichlorobenzene	8.42	146	163575	34.637	ng		97
15) Benzyl Alcohol	8.30	79	171493	37.565	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	301873	31.860	ng		97
17) 2-Methylphenol	8.50	107	152441	38.738	ng		97
18) Hexachloroethane	9.15	117	60814	34.301	ng		88
19) n-Nitroso-di-n-propylamine	8.86	70	144028	34.030	ng		93
20) 3+4-Methylphenols	8.82	107	210552	38.324	ng		97
22) Acetophenone	8.88	105	269611	38.239	ng	#	99
24) Nitrobenzene	9.27	77	205800	38.566	ng		95
25) Isophorone	9.79	82	409910	41.696	ng		97
26) 2-Nitrophenol	9.98	139	90066	42.592	ng		93
27) 2,4-Dimethylphenol	10.03	122	172381	44.031	ng		100
28) bis(2-Chloroethoxy)methane	10.27	93	234404	38.851	ng		99
29) 2,4-Dichlorophenol	10.51	162	189022	44.055	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	185451	36.947	ng		99
31) Naphthalene	10.92	128	533786	39.769	ng		99
32) Benzoic acid	10.14	122	75723	28.133	ng		99
33) 4-Chloroaniline	11.02	127	53310	8.667	ng		98
34) Hexachlorobutadiene	11.21	225	122717	36.389	ng		97
35) Caprolactam	11.79	113	53286m	31.176	ng		
36) 4-Chloro-3-methylphenol	12.14	107	210098	42.142	ng		99
37) 2-Methylnaphthalene	12.52	142	419663	42.731	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	240383	38.058	ng		99
40) Hexachlorocyclopentadiene	12.87	237	251410	76.502	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159041	41.336	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	175016	42.648	ng	99
45) 1,1'-Biphenyl	13.52	154	547737	36.971	ng	99
46) 2-Chloronaphthalene	13.56	162	422100	37.321	ng	99
47) 2-Nitroaniline	13.76	65	149188	42.006	ng	97
48) Acenaphthylene	14.41	152	713098	40.343	ng	100
49) Dimethylphthalate	14.14	163	579172	39.741	ng	99
50) 2,6-Dinitrotoluene	14.26	165	127841	42.629	ng	92
51) Acenaphthene	14.75	154	437986	38.690	ng	97
52) 3-Nitroaniline	14.59	138	88073	27.253	ng	98
53) 2,4-Dinitrophenol	14.79	184	42677	37.571	ng	95
54) Dibenzofuran	15.09	168	686185	38.690	ng	99
55) 4-Nitrophenol	14.89	139	180553	68.331	ng	97
56) 2,4-Dinitrotoluene	15.05	165	178838	45.757	ng	88
57) Fluorene	15.73	166	552315	41.658	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	177686	46.084	ng	94
59) Diethylphthalate	15.50	149	571920	38.940	ng	100
60) 4-Chlorophenyl-phenylether	15.73	204	314290	38.389	ng	98
61) 4-Nitroaniline	15.75	138	138555	40.971	ng	94
62) Azobenzene	16.02	77	558815	37.394	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	49101	24.561	ng	98
65) n-Nitrosodiphenylamine	15.94	169	509713	37.693	ng	98
66) 4-Bromophenyl-phenylether	16.62	248	207537	38.950	ng	99
67) Hexachlorobenzene	16.74	284	209720	38.492	ng	95
68) Atrazine	16.88	200	209765	41.327	ng	99
69) Pentachlorophenol	17.08	266	192904	52.095	ng	98
70) Phenanthrene	17.47	178	933441	40.365	ng	98
71) Anthracene	17.57	178	941289	40.834	ng	98
72) Carbazole	17.83	167	839413	36.462	ng	99
73) Di-n-butylphthalate	18.39	149	970255	37.847	ng	99
74) Fluoranthene	19.48	202	1145209	40.618	ng	99
76) Benzidine	19.65	184	231900	15.817	ng	98
77) Pyrene	19.84	202	1128571	39.936	ng	100
79) Butylbenzylphthalate	20.73	149	452825	40.264	ng	94
80) Benzo(a)anthracene	21.68	228	1139194	40.919	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	243271	21.925	ng	97
82) Chrysene	21.74	228	1053925	39.939	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	615279	39.096	ng	99
84) Di-n-octyl phthalate	22.81	149	1043396	39.693	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1301282	42.456	ng	98
87) Benzo(b)fluoranthene	23.89	252	1160574	43.108	ng	98
88) Benzo(k)fluoranthene	23.96	252	1072522	40.777	ng	99
89) Benzo(a)pyrene	24.76	252	1102734	42.625	ng	100
90) Dibenzo(a,h)anthracene	28.64	278	1055601	42.266	ng	97
91) Benzo(g,h,i)perylene	29.72	276	1059453	42.212	ng	98

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

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