Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038694.D
Acq On : 18 Dec 2018 14:42
Operator : JU/SJ
Sample : J6398-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218MS

Manual Integrations APPROVED
Sohil
12/19/2018 4:12:20 PM

Quant Time: Dec 19 07:14:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21176	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	89003	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	63141	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	159782	20.00	ng		0.00
76) Chrysene-d12	21.73	240	159439	20.00	ng		0.00
87) Perylene-d12	25.02	264	174736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	80307	67.26	ng		0.00
7) Phenol-d6	7.21	99	69385	42.33	ng		0.00
23) Nitrobenzene-d5	9.23	82	153777	88.27	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	122266	140.50	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	381352	82.86	ng		0.00
79) Terphenyl-d14	20.05	244	714092	97.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	9165	16.494	ng		97
3) Pyridine	3.90	79	18143	11.859	ng		87
4) n-Nitrosodimethylamine	3.82	42	15211	20.292	ng		87
6) Aniline	7.38	93	35933	17.174	ng		98
8) 2-Chlorophenol	7.62	128	53138	38.460	ng		97
9) Benzaldehyde	7.20	77	21971	20.664	ng		96
10) Phenol	7.24	94	27849	15.993	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	56224	40.555	ng		96
12) 1,3-Dichlorobenzene	7.94	146	64323	39.374	ng		99
13) 1,4-Dichlorobenzene	8.09	146	65414	39.097	ng		98
14) 1,2-Dichlorobenzene	8.41	146	62914	39.887	ng		98
15) Benzyl Alcohol	8.30	79	37467	29.287	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	128558	40.481	ng		98
17) 2-Methylphenol	8.49	107	36967	31.687	ng		93
18) Hexachloroethane	9.14	117	22837	37.354	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	49438	42.946	ng		99
20) 3+4-Methylphenols	8.83	107	45982	28.539	ng		92
22) Acetophenone	8.89	105	97614	43.909	ng	#	100
24) Nitrobenzene	9.28	77	77836	44.164	ng		96
25) Isophorone	9.79	82	138866	44.363	ng		99
26) 2-Nitrophenol	9.99	139	36849	40.850	ng		98
27) 2,4-Dimethylphenol	10.03	122	58932	45.585	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	78938	44.687	ng		99
29) 2,4-Dichlorophenol	10.52	162	66166	46.006	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	73400	42.251	ng		97
31) Naphthalene	10.93	128	201812	46.021	ng		98
32) Benzoic acid	10.20	122	6479m	16.384	ng		
33) 4-Chloroaniline	11.04	127	35211	18.494	ng		98
34) Hexachlorobutadiene	11.18	225	47383	40.309	ng		95
35) Caprolactam	11.83	113	3948	6.633	ng	#	72
36) 4-Chloro-3-methylphenol	12.15	107	66652	40.611	ng		91
37) 2-Methylnaphthalene	12.52	142	158484	50.658	ng		99
38) 1-Methylnaphthalene	12.75	142	149794	49.342	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	95955	40.656	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	102087	78.730	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	64102	44.172	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	69079	44.959	ng		97
46) 1,1'-Biphenyl	13.53	154	213501	40.335	ng		99
47) 2-Chloronaphthalene	13.58	162	173498	42.433	ng		97
48) 2-Nitroaniline	13.79	65	58881	45.211	ng		95
49) Acenaphthylene	14.42	152	286826	46.924	ng		99
50) Dimethylphthalate	14.15	163	231054	44.810	ng		99
51) 2,6-Dinitrotoluene	14.28	165	52883	45.257	ng		93
52) Acenaphthene	14.76	154	164245	44.936	ng		99
53) 3-Nitroaniline	14.62	138	27212	22.845	ng		94
54) 2,4-Dinitrophenol	14.82	184	49257	71.439	ng		97
55) Dibenzofuran	15.09	168	279543	44.617	ng		99
56) 4-Nitrophenol	14.92	139	28132	31.132	ng		93
57) 2,4-Dinitrotoluene	15.06	165	74146	45.052	ng		98
58) Fluorene	15.74	166	227470	49.004	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65702	47.529	ng		100
60) Diethylphthalate	15.50	149	241018	42.579	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	127632	44.068	ng		98
62) 4-Nitroaniline	15.78	138	53106	43.306	ng		93
63) Azobenzene	16.02	77	209147	44.229	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	45374	39.809	ng		97
66) n-Nitrosodiphenylamine	15.94	169	206297	43.942	ng		96
67) 4-Bromophenyl-phenylether	16.63	248	84577	43.342	ng		95
68) Hexachlorobenzene	16.74	284	90248	44.614	ng		98
69) Atrazine	16.89	200	85430	49.034	ng		97
70) Pentachlorophenol	17.09	266	91964	76.862	ng		97
71) Phenanthrene	17.48	178	401301	48.433	ng		98
72) Anthracene	17.58	178	402394	49.194	ng		100
73) Carbazole	17.85	167	354900	43.871	ng		98
74) Di-n-butylphthalate	18.38	149	418970	45.136	ng		100
75) Fluoranthene	19.49	202	498272	48.604	ng		96
77) Benzidine	19.67	184	135168	28.666	ng		99
78) Pyrene	19.86	202	491690	46.681	ng		100
80) Butylbenzylphthalate	20.73	149	189436	46.034	ng		99
81) Benzo(a)anthracene	21.70	228	482303	49.643	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	109198	28.340	ng		98
83) Chrysene	21.77	228	446053	47.666	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	265115	45.425	ng		99
85) Di-n-octyl phthalate	22.79	149	455450	46.596	ng		100
86) Indeno(1,2,3-cd)pyrene	28.80	276	548726	49.877	ng	#	95
88) Benzo(b)fluoranthene	23.96	252	483435	50.391	ng		99
89) Benzo(k)fluoranthene	24.03	252	474588	49.678	ng		96
90) Benzo(a)pyrene	24.86	252	469992	50.780	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	454998	49.374	ng		98
92) Benzo(g,h,i)perylene	30.00	276	455198	50.122	ng		97

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

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