Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038173.D
Acq On : 27 Nov 2018 18:58
Operator : JU/SJ
Sample : J6047-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-MW-101MS

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:27 PM

Quant Time: Nov 28 04:31:08 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	41795	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	181401	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	112641	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	252713	20.00	ng		0.00
76) Chrysene-d12	21.76	240	225487	20.00	ng		0.00
87) Perylene-d12	25.08	264	237428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	135138	55.83	ng		0.00
7) Phenol-d6	7.23	99	116861	33.82	ng		0.00
23) Nitrobenzene-d5	9.26	82	268869	79.34	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	143183	111.46	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	567363	73.38	ng		0.00
79) Terphenyl-d14	20.07	244	814756	85.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	19639	17.176	ng	#	95
3) Pyridine	3.92	79	47980	14.710	ng		94
4) n-Nitrosodimethylamine	3.85	42	27066	22.873	ng		85
6) Aniline	7.41	93	57885	12.980	ng		98
8) 2-Chlorophenol	7.65	128	107044	38.110	ng		98
9) Benzaldehyde	7.23	77	59745	23.909	ng		95
10) Phenol	7.26	94	58643	16.023	ng		95
11) bis(2-Chloroethyl)ether	7.50	93	131004	43.843	ng		97
12) 1,3-Dichlorobenzene	7.97	146	117322	36.257	ng		97
13) 1,4-Dichlorobenzene	8.12	146	120077	36.735	ng		99
14) 1,2-Dichlorobenzene	8.44	146	115073	36.874	ng		99
15) Benzyl Alcohol	8.32	79	75235	30.090	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	263330	47.460	ng		97
17) 2-Methylphenol	8.52	107	78220	31.611	ng		96
18) Hexachloroethane	9.16	117	41489	34.876	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	106714	42.681	ng		96
20) 3+4-Methylphenols	8.85	107	95190	27.136	ng		98
22) Acetophenone	8.92	105	197840	43.834	ng	#	97
24) Nitrobenzene	9.31	77	172583	49.785	ng		96
25) Isophorone	9.82	82	294404	48.268	ng		96
26) 2-Nitrophenol	10.02	139	75391	43.564	ng		95
27) 2,4-Dimethylphenol	10.06	122	115007	44.107	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	179342	45.982	ng		98
29) 2,4-Dichlorophenol	10.55	162	126009	42.964	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	125862	38.296	ng		95
31) Naphthalene	10.96	128	393352	44.087	ng		99
32) Benzoic acid	10.16	122	18169m	20.374	ng		
33) 4-Chloroaniline	11.07	127	53442	12.877	ng		99
34) Hexachlorobutadiene	11.22	225	70320	34.765	ng		98
35) Caprolactam	11.86	113	7184	6.120	ng	#	78
36) 4-Chloro-3-methylphenol	12.17	107	128795	40.196	ng		96
37) 2-Methylnaphthalene	12.55	142	292432	45.629	ng		98
38) 1-Methylnaphthalene	12.77	142	281188	45.581	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	153526	40.788	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	169479	84.088	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	112216	43.751	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	116200	43.057	ng		98
46) 1,1'-Biphenyl	13.55	154	382121	40.380	ng		99
47) 2-Chloronaphthalene	13.61	162	299438	41.467	ng		99
48) 2-Nitroaniline	13.82	65	100597	44.263	ng		98
49) Acenaphthylene	14.45	152	502793	46.302	ng		99
50) Dimethylphthalate	14.17	163	401410	44.951	ng		99
51) 2,6-Dinitrotoluene	14.31	165	92510	45.773	ng		96
52) Acenaphthene	14.79	154	289418	44.271	ng		98
53) 3-Nitroaniline	14.64	138	40006	17.939	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	91981	83.824	ng	#	83
55) Dibenzofuran	15.12	168	471881	43.653	ng		96
56) 4-Nitrophenol	14.93	139	46201	26.861	ng		89
57) 2,4-Dinitrotoluene	15.09	165	125971	45.810	ng		96
58) Fluorene	15.77	166	377365	46.788	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	102381	45.337	ng		96
60) Diethylphthalate	15.53	149	411602	43.396	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	201033	42.597	ng		98
62) 4-Nitroaniline	15.80	138	65253	29.453	ng		94
63) Azobenzene	16.05	77	385315	45.435	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	70023	43.808	ng		90
66) n-Nitrosodiphenylamine	15.97	169	343431	44.921	ng		100
67) 4-Bromophenyl-phenylether	16.65	248	124790	44.990	ng		95
68) Hexachlorobenzene	16.77	284	126030	44.019	ng		98
69) Atrazine	16.91	200	127188	45.129	ng		98
70) Pentachlorophenol	17.11	266	147175	75.688	ng		97
71) Phenanthrene	17.51	178	617364	47.715	ng		99
72) Anthracene	17.61	178	619734	48.591	ng		98
73) Carbazole	17.88	167	561845	43.908	ng		99
74) Di-n-butylphthalate	18.41	149	688792	47.953	ng		99
75) Fluoranthene	19.52	202	713555	48.337	ng		99
77) Benzidine	19.71	184	175506	22.182	ng		98
78) Pyrene	19.89	202	716211	48.581	ng		98
80) Butylbenzylphthalate	20.75	149	316975	49.165	ng		98
81) Benzo(a)anthracene	21.74	228	675816	49.596	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	67770	12.768	ng		100
83) Chrysene	21.81	228	622764	47.767	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	443464	48.233	ng		99
85) Di-n-octyl phthalate	22.85	149	753797	50.677	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	723575	49.971	ng		99
88) Benzo(b)fluoranthene	24.02	252	648857	49.661	ng		99
89) Benzo(k)fluoranthene	24.09	252	634799	49.237	ng		99
90) Benzo(a)pyrene	24.93	252	642047	51.418	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	594299	49.465	ng		95
92) Benzo(g,h,i)perylene	30.11	276	596166	49.905	ng		97

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

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