Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112718\
Data File : BG038174.D
Acq On : 27 Nov 2018 19:37
Operator : JU/SJ
Sample : J6047-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-MW-101MSD

Manual Integrations APPROVED
mohammad
12/3/2018 2:34:31 PM

Quant Time: Nov 28 04:33:16 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	41995	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	183644	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116180	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	259563	20.00	ng		0.00
76) Chrysene-d12	21.76	240	225981	20.00	ng		0.00
87) Perylene-d12	25.08	264	240122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	141432	58.15	ng		0.00
7) Phenol-d6	7.24	99	123541	35.58	ng		0.00
23) Nitrobenzene-d5	9.26	82	280254	81.69	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	149982	113.19	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	588574	73.80	ng		0.00
79) Terphenyl-d14	20.07	244	861368	89.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18706	16.282	ng		96
3) Pyridine	3.93	79	41897	12.784	ng		91
4) n-Nitrosodimethylamine	3.85	42	26362	22.172	ng		95
6) Aniline	7.41	93	39811	8.884	ng		97
8) 2-Chlorophenol	7.65	128	112459	39.847	ng		99
9) Benzaldehyde	7.23	77	62352	24.833	ng		98
10) Phenol	7.27	94	61821	16.810	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	134237	44.711	ng		97
12) 1,3-Dichlorobenzene	7.97	146	124463	38.281	ng		100
13) 1,4-Dichlorobenzene	8.12	146	128135	39.014	ng		99
14) 1,2-Dichlorobenzene	8.44	146	123233	39.300	ng		99
15) Benzyl Alcohol	8.33	79	78216	31.134	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	278963	50.039	ng		98
17) 2-Methylphenol	8.52	107	83247	33.482	ng		98
18) Hexachloroethane	9.17	117	45269	37.873	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	113911	45.343	ng		95
20) 3+4-Methylphenols	8.85	107	101713	28.858	ng		96
22) Acetophenone	8.92	105	211590	46.308	ng	#	97
24) Nitrobenzene	9.31	77	183925	52.409	ng		95
25) Isophorone	9.82	82	316332	51.229	ng		97
26) 2-Nitrophenol	10.02	139	78610	44.869	ng		95
27) 2,4-Dimethylphenol	10.06	122	118540	44.907	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	190161	48.161	ng		100
29) 2,4-Dichlorophenol	10.55	162	133518	44.968	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	134260	40.352	ng		99
31) Naphthalene	10.96	128	416076	46.064	ng		99
32) Benzoic acid	10.16	122	18553m	20.444	ng		
33) 4-Chloroaniline	11.07	127	35900	8.544	ng		98
34) Hexachlorobutadiene	11.22	225	74567	36.414	ng		99
35) Caprolactam	11.86	113	7310	6.151	ng		99
36) 4-Chloro-3-methylphenol	12.17	107	134257	41.389	ng		97
37) 2-Methylnaphthalene	12.55	142	312589	48.179	ng		99
38) 1-Methylnaphthalene	12.78	142	297793	47.683	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	164237	42.305	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	179425	86.311	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	117363	44.364	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	120413	43.259	ng		95
46) 1,1'-Biphenyl	13.56	154	409266	41.931	ng		100
47) 2-Chloronaphthalene	13.61	162	320873	43.082	ng		100
48) 2-Nitroaniline	13.82	65	102555	43.750	ng		98
49) Acenaphthylene	14.45	152	535527	47.814	ng		100
50) Dimethylphthalate	14.18	163	421175	45.728	ng		99
51) 2,6-Dinitrotoluene	14.30	165	96926	46.497	ng		96
52) Acenaphthene	14.79	154	312051	46.279	ng		99
53) 3-Nitroaniline	14.64	138	19917	8.659	ng	#	87
54) 2,4-Dinitrophenol	14.85	184	99078	87.129	ng		89
55) Dibenzofuran	15.12	168	499770	44.825	ng		98
56) 4-Nitrophenol	14.93	139	51762	29.177	ng		93
57) 2,4-Dinitrotoluene	15.09	165	136870	48.257	ng		96
58) Fluorene	15.77	166	401544	48.269	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	110077	47.260	ng		98
60) Diethylphthalate	15.53	149	435811	44.548	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	210823	43.311	ng		99
62) 4-Nitroaniline	15.80	138	59730	26.139	ng		95
63) Azobenzene	16.05	77	402544	46.021	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	74833	45.581	ng		98
66) n-Nitrosodiphenylamine	15.97	169	359643	45.800	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	130909	45.950	ng		99
68) Hexachlorobenzene	16.77	284	134558	45.758	ng		97
69) Atrazine	16.91	200	134926	46.611	ng		98
70) Pentachlorophenol	17.11	266	156420	78.320	ng		96
71) Phenanthrene	17.51	178	649545	48.877	ng		99
72) Anthracene	17.61	178	652371	49.800	ng		99
73) Carbazole	17.88	167	590857	44.956	ng		100
74) Di-n-butylphthalate	18.41	149	718774	48.719	ng		99
75) Fluoranthene	19.52	202	743170	49.015	ng		100
77) Benzidine	19.70	184	135756	17.120	ng		98
78) Pyrene	19.89	202	747112	50.567	ng		99
80) Butylbenzylphthalate	20.75	149	330632	51.171	ng		99
81) Benzo(a)anthracene	21.74	228	703167	51.491	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	53971	10.146	ng		96
83) Chrysene	21.81	228	654777	50.113	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	457332	49.632	ng		98
85) Di-n-octyl phthalate	22.85	149	785216	52.674	ng		98
86) Indeno(1,2,3-cd)pyrene	28.90	276	748284	51.564	ng	#	96
88) Benzo(b)fluoranthene	24.02	252	677268	51.254	ng		99
89) Benzo(k)fluoranthene	24.09	252	678366	52.026	ng		100
90) Benzo(a)pyrene	24.93	252	671257	53.155	ng		99
91) Dibenzo(a,h)anthracene	28.98	278	617149	50.791	ng		97
92) Benzo(g,h,i)perylene	30.11	276	618054	51.157	ng		98

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

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