Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041812.D
Acq On : 30 Jul 2019 21:53
Operator : HP/JU
Sample : K3621-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-072919

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:08 PM

Quant Time: Jul 31 12:00:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	93568	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	344328	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	236365	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	584935	20.00	ng		0.00
76) Chrysene-d12	21.73	240	712755	20.00	ng		0.00
87) Perylene-d12	25.01	264	810317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	605269	125.86	ng		0.00
7) Phenol-d6	7.19	99	732738	113.02	ng		0.00
23) Nitrobenzene-d5	9.21	82	550233	109.97	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	445016	165.75	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1394492	104.06	ng		0.00
79) Terphenyl-d14	20.07	244	2568336	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	4894	2.162	ng	#	1
8) 2-Chlorophenol	7.61	128	11439	2.077	ng		92
10) Phenol	7.22	94	14290	2.119	ng		89
22) Acetophenone	8.86	105	18466	2.398	ng	#	88
24) Nitrobenzene	9.25	77	11787	2.236	ng		95
26) 2-Nitrophenol	9.97	139	5553	2.270	ng	#	85
27) 2,4-Dimethylphenol	10.03	122	8689	2.012	ng		91
29) 2,4-Dichlorophenol	10.51	162	11074	2.106	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	13701	2.055	ng	#	96
31) Naphthalene	10.92	128	37883	2.404	ng	#	97
32) Benzoic acid	10.16	122	448	8.847	ng	#	68
34) Hexachlorobutadiene	11.21	225	9517	2.115	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	11099	2.129	ng		98
37) 2-Methylnaphthalene	12.53	142	26524	2.126	ng		95
38) 1-Methylnaphthalene	12.75	142	26070	2.205	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	16836	2.250	ng	#	97
44) 2,4,5-Trichlorophenol	13.21	196	10597	2.156	ng		92
46) 1,1'-Biphenyl	13.53	154	35779	2.355	ng		98
47) 2-Chloronaphthalene	13.58	162	26984	2.086	ng		96
49) Acenaphthylene	14.42	152	43830	2.265	ng	#	93
50) Dimethylphthalate	14.15	163	45908	2.844	ng	#	99
51) 2,6-Dinitrotoluene	14.26	165	7082	2.098	ng	#	87
52) Acenaphthene	14.76	154	26171	2.079	ng		94
54) 2,4-Dinitrophenol	14.82	184	472	3.575	ng	#	50
55) Dibenzofuran	15.10	168	45836	2.381	ng		93
58) Fluorene	15.75	166	37284	2.413	ng		97
60) Diethylphthalate	15.51	149	37283	2.352	ng	#	90
61) 4-Chlorophenyl-phenylether	15.74	204	20376	2.161	ng		92
63) Azobenzene	16.03	77	28758	2.221	ng		92
65) 4,6-Dinitro-2-methylphenol	15.82	198	2518	7.606	ng		93
66) n-Nitrosodiphenylamine	15.95	169	33728	2.117	ng		93
71) Phenanthrene	17.49	178	68386	2.439	ng	#	89
72) Anthracene	17.58	178	64591	2.310	ng	#	92
73) Carbazole	17.85	167	62918	2.507	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) Di-n-butylphthalate	18.42	149	70046	2.462	ng	#	92
75) Fluoranthene	19.50	202	91927	2.697	ng		88
78) Pyrene	19.86	202	97289	2.304	ng	#	87
80) Butylbenzylphthalate	20.75	149	34084	2.105	ng		91
81) Benzo(a)anthracene	21.71	228	102401m	2.428	ng		
83) Chrysene	21.78	228	99818	2.469	ng		89
84) Bis(2-ethylhexyl)phthalate	21.63	149	49962	2.237	ng	#	93
85) Di-n-octyl phthalate	22.87	149	78596	2.091	ng	#	89
88) Benzo(b)fluoranthene	23.96	252	99026	2.234	ng	#	96
89) Benzo(k)fluoranthene	24.03	252	96383	2.232	ng	#	88
90) Benzo(a)pyrene	24.84	252	90691	2.133	ng		95
91) Dibenzo(a,h)anthracene	28.80	278	85769	2.055	ng	#	93
92) Benzo(g,h,i)perylene	29.89	276	88256	2.116	ng	#	90

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

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