Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043347.D
Acq On : 25 Oct 2019 19:57
Operator : JU
Sample : K5514-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLL-OFF-WATERMSD

Manual Integrations APPROVED

Quant Time: Oct 26 04:49:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.02	152	39395	20.00	ng		0.00	
21) Naphthalene-d8	10.83	136	150629	20.00	ng		0.00	
39) Acenaphthene-d10	14.65	164	104566	20.00	ng		0.00	
64) Phenanthrene-d10	17.40	188	256562	20.00	ng		0.00	
76) Chrysene-d12	21.67	240	266722	20.00	ng		0.00	
87) Perylene-d12	24.86	264	42215	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.61	112	297074	138.18	ng		0.00	
7) Phenol-d6	7.22	99	412501	133.36	ng		0.02	
23) Nitrobenzene-d5	9.19	82	260452	89.14	ng		0.00	10/26/2019 10:01:00 AM
42) 2,4,6-Tribromophenol	16.14	330	301431	151.48	ng		0.00	
45) 2-Fluorobiphenyl	13.28	172	722160	95.43	ng		0.00	
79) Terphenyl-d14	20.01	244	1425987	100.30	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	3.49	88	29398	35.090	ng		98	
3) Pyridine	3.95	79	87047m	41.189	ng			
4) n-Nitrosodimethylamine	3.80	42	45916	43.057	ng		94	
6) Aniline	7.38	93	8526	2.393	ng	#	88	
8) 2-Chlorophenol	7.60	128	119012	50.148	ng		94	
9) Benzaldehyde	7.17	77	48746	32.068	ng		84	
10) Phenol	7.24	94	141798	50.168	ng		97	
11) bis(2-Chloroethyl)ether	7.45	93	97400	44.571	ng		99	
12) 1,3-Dichlorobenzene	7.91	146	121435	40.840	ng		97	
13) 1,4-Dichlorobenzene	8.06	146	123495	41.050	ng		97	
14) 1,2-Dichlorobenzene	8.38	146	122909	41.844	ng		93	
15) Benzyl Alcohol	8.27	79	19598	9.022	ng		99	
16) 2,2'-oxybis(1-Chloropropan	8.55	45	133199	41.919	ng		98	
17) 2-Methylphenol	8.49	107	95284	46.243	ng		98	
18) Hexachloroethane	9.11	117	43474	40.054	ng		96	
19) n-Nitroso-di-n-propylamine	8.83	70	91669	45.864	ng		99	
20) 3+4-Methylphenols	8.82	107	126349	44.718	ng		90	
22) Acetophenone	8.85	105	174672	45.282	ng	#	98	
24) Nitrobenzene	9.23	77	135341	48.626	ng		96	
25) Isophorone	9.75	82	258834	48.455	ng		98	
26) 2-Nitrophenol	9.94	139	69489	51.714	ng		95	
27) 2,4-Dimethylphenol	10.01	122	110884	57.575	ng		97	
28) bis(2-Chloroethoxy)methane	10.23	93	54171	18.374	ng		92	
29) 2,4-Dichlorophenol	10.49	162	135568	54.939	ng		93	
30) 1,2,4-Trichlorobenzene	10.69	180	140003	45.015	ng		98	
31) Naphthalene	10.88	128	364220	47.636	ng		98	
32) Benzoic acid	10.19	122	63332	43.997	ng		97	
33) 4-Chloroaniline	11.02	127	10149	3.238	ng	#	93	
34) Hexachlorobutadiene	11.17	225	99838	43.425	ng		96	
35) Caprolactam	11.78	113	41429	48.748	ng		92	
36) 4-Chloro-3-methylphenol	12.14	107	145911	54.208	ng		99	
37) 2-Methylnaphthalene	12.48	142	281204	47.934	ng		98	
38) 1-Methylnaphthalene	12.70	142	268900	48.174	ng		96	
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	181578	46.921	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	185564	91.283	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	126520	55.516	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	139683	60.626	ng		97
46) 1,1'-Biphenyl	13.49	154	385592	48.473	ng		98
47) 2-Chloronaphthalene	13.53	162	301163	49.758	ng		99
48) 2-Nitroaniline	13.74	65	59077	32.657	ng		98
49) Acenaphthylene	14.37	152	329356	34.964	ng		99
50) Dimethylphthalate	14.11	163	501097	61.869	ng		99
51) 2,6-Dinitrotoluene	14.23	165	95847	54.472	ng		97
52) Acenaphthene	14.72	154	279206	48.603	ng		98
53) 3-Nitroaniline	14.57	138	12488	7.351	ng	#	75
54) 2,4-Dinitrophenol	14.77	184	90118	81.834	ng		95
55) Dibenzofuran	15.05	168	487962	52.380	ng		98
56) 4-Nitrophenol	14.90	139	132535	116.418	ng		92
57) 2,4-Dinitrotoluene	15.01	165	137718	54.767	ng		99
58) Fluorene	15.70	166	408000	52.218	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	142682	58.287	ng	#	99
60) Diethylphthalate	15.47	149	430563	52.907	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	234814	51.516	ng		98
62) 4-Nitroaniline	15.73	138	29050	16.558	ng		94
63) Azobenzene	15.98	77	303979	46.153	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	75066	49.717	ng		96
66) n-Nitrosodiphenylamine	15.91	169	36076	4.981	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	167062	48.385	ng		97
68) Hexachlorobenzene	16.71	284	189439	47.798	ng		99
70) Pentachlorophenol	17.06	266	233940	129.539	ng		96
71) Phenanthrene	17.44	178	664806	50.602	ng		99
72) Anthracene	17.53	178	667004	50.743	ng		100
73) Carbazole	17.81	167	24120	2.026	ng		98
74) Di-n-butylphthalate	18.35	149	740598	51.277	ng		100
75) Fluoranthene	19.45	202	850582	49.661	ng		99
78) Pyrene	19.81	202	703698	42.623	ng		99
80) Butylbenzylphthalate	20.69	149	317851	50.816	ng		98
81) Benzo(a)anthracene	21.65	228	835928	50.034	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	2719	0.421	ng	#	44
83) Chrysene	21.71	228	855129	51.514	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	488959	55.031	ng		99
85) Di-n-octyl phthalate	22.75	149	839340	55.680	ng		100
86) Indeno(1,2,3-cd)pyrene	28.49	276	768254	36.869	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	901576	377.083	ng		99
89) Benzo(k)fluoranthene	23.92	252	840326	349.123	ng		98
90) Benzo(a)pyrene	24.71	252	487123	213.355	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	869241	372.212	ng		99
92) Benzo(g,h,i)perylene	29.64	276	589585	255.943	ng		98

mohammad

10/26/2019 10:01:00 AM

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

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