Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043257.D
Acq On : 16 Oct 2019 22:49
Operator : JU
Sample : K5350-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-230MS

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:09 AM

Quant Time: Oct 17 02:35:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54379	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	197359	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	138935	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	319887	20.00	ng		0.00
76) Chrysene-d12	21.70	240	352142	20.00	ng		0.00
87) Perylene-d12	24.93	264	422593	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	377549	123.90	ng		0.00
7) Phenol-d6	7.23	99	533426	121.57	ng		0.00
23) Nitrobenzene-d5	9.21	82	322871	79.52	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	314318	131.56	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	768404	80.18	ng		0.00
79) Terphenyl-d14	20.04	244	1364656	82.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39359	30.981	ng		92
3) Pyridine	3.92	79	97597	27.314	ng		89
4) n-Nitrosodimethylamine	3.84	42	64212	37.369	ng	#	99
6) Aniline	7.38	93	171740	32.423	ng		95
8) 2-Chlorophenol	7.62	128	142455	44.829	ng		98
9) Benzaldehyde	7.19	77	77843	29.031	ng		83
10) Phenol	7.26	94	176872	43.934	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	114233	36.673	ng		97
12) 1,3-Dichlorobenzene	7.94	146	155120	38.266	ng		98
13) 1,4-Dichlorobenzene	8.08	146	155556	38.494	ng		98
14) 1,2-Dichlorobenzene	8.41	146	150102	39.015	ng		94
15) Benzyl Alcohol	8.29	79	125328	37.989	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	166040	27.756	ng		93
17) 2-Methylphenol	8.50	107	112246	39.847	ng		97
18) Hexachloroethane	9.14	117	57544	37.810	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	102294	35.503	ng		91
20) 3+4-Methylphenols	8.83	107	160116	41.477	ng		96
22) Acetophenone	8.87	105	202827	39.869	ng	#	95
24) Nitrobenzene	9.25	77	156655	40.448	ng		95
25) Isophorone	9.78	82	283304	39.721	ng		97
26) 2-Nitrophenol	9.97	139	78255	47.463	ng		90
27) 2,4-Dimethylphenol	10.03	122	125758	49.667	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	156673	38.717	ng		98
29) 2,4-Dichlorophenol	10.51	162	149766	47.559	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	166587	40.964	ng		94
31) Naphthalene	10.91	128	424673	43.712	ng		99
32) Benzoic acid	10.19	122	63830	34.618	ng		94
33) 4-Chloroaniline	11.02	127	105547	25.037	ng		98
34) Hexachlorobutadiene	11.19	225	116515	38.265	ng		94
35) Caprolactam	11.79	113	44396m	39.978	ng		
36) 4-Chloro-3-methylphenol	12.14	107	153842	44.931	ng		97
37) 2-Methylnaphthalene	12.51	142	316226	42.667	ng		96
38) 1-Methylnaphthalene	12.73	142	300726	42.881	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	209573	40.119	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	259222	77.882	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	130503	42.682	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	139950	44.432	ng		94
46) 1,1'-Biphenyl	13.51	154	429899	40.803	ng		99
47) 2-Chloronaphthalene	13.55	162	329583	41.723	ng		97
48) 2-Nitroaniline	13.76	65	101063	38.472	ng		91
49) Acenaphthylene	14.40	152	537845	44.497	ng		98
50) Dimethylphthalate	14.13	163	508605	48.858	ng		99
51) 2,6-Dinitrotoluene	14.25	165	99119	44.711	ng		94
52) Acenaphthene	14.74	154	316241	39.087	ng		98
53) 3-Nitroaniline	14.58	138	69853	30.490	ng		92
54) 2,4-Dinitrophenol	14.79	184	108814	78.967	ng		92
55) Dibenzofuran	15.08	168	519251	43.386	ng		97
56) 4-Nitrophenol	14.91	139	153779	88.095	ng		94
57) 2,4-Dinitrotoluene	15.04	165	138269	42.592	ng		98
58) Fluorene	15.72	166	434153	42.489	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	139930	41.725	ng		99
60) Diethylphthalate	15.49	149	422006	39.834	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	246740	40.264	ng		98
62) 4-Nitroaniline	15.75	138	102173	40.892	ng		96
63) Azobenzene	16.01	77	367975	38.151	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	84210	46.522	ng		91
66) n-Nitrosodiphenylamine	15.93	169	384150	45.491	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	176835	44.045	ng		96
68) Hexachlorobenzene	16.73	284	198339	44.368	ng		99
69) Atrazine	16.87	200	143683	40.406	ng		97
70) Pentachlorophenol	17.08	266	223760	86.746	ng		98
71) Phenanthrene	17.47	178	690895	44.240	ng		98
72) Anthracene	17.56	178	708087	45.417	ng		99
73) Carbazole	17.83	167	634391	43.879	ng		99
74) Di-n-butylphthalate	18.38	149	727276	42.162	ng		99
75) Fluoranthene	19.48	202	911610	44.132	ng		98
77) Benzidine	19.65	184	448971	50.919	ng		98
78) Pyrene	19.84	202	921566	43.846	ng		100
80) Butylbenzylphthalate	20.72	149	340117	42.632	ng		98
81) Benzo(a)anthracene	21.68	228	927975	42.293	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	290667	33.776	ng		100
83) Chrysene	21.75	228	897408	42.146	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	478967	42.192	ng		98
85) Di-n-octyl phthalate	22.79	149	827802	44.594	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1213980	45.797	ng		99
88) Benzo(b)fluoranthene	23.90	252	1014696	42.436	ng		99
89) Benzo(k)fluoranthene	23.97	252	988454	41.786	ng		98
90) Benzo(a)pyrene	24.78	252	987188	43.759	ng		99
91) Dibenzo(a,h)anthracene	28.67	278	1025102	44.313	ng		99
92) Benzo(g,h,i)perylene	29.75	276	1018958	45.461	ng		99

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

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