Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022228.D
Acq On : 21 Aug 2019 14:30
Operator : HP/JU
Sample : K4408-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:11 PM

Quant Time: Aug 21 15:06:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	33426	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	130578	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	79240	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	150637	20.00	ng		0.00
76) Chrysene-d12	21.19	240	122221	20.00	ng		0.00
87) Perylene-d12	23.39	264	132737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	248830	132.65	ng		0.00
7) Phenol-d6	6.76	99	339999	136.11	ng		0.00
23) Nitrobenzene-d5	8.74	82	244127	90.93	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	177162	138.13	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	492725	77.66	ng		0.00
79) Terphenyl-d14	19.63	244	687821	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	30881	39.293	ng	#	84
3) Pyridine	3.56	79	74853	37.595	ng	#	87
4) n-Nitrosodimethylamine	3.49	42	58155	48.753	ng	#	57
6) Aniline	6.92	93	80291	24.008	ng		93
8) 2-Chlorophenol	7.14	128	106261	47.578	ng		95
9) Benzaldehyde	6.74	77	46323	29.264	ng		91
10) Phenol	6.79	94	134475	50.850	ng		79
11) bis(2-Chloroethyl)ether	7.02	93	88208	42.165	ng		93
12) 1,3-Dichlorobenzene	7.45	146	113658	41.753	ng	#	91
13) 1,4-Dichlorobenzene	7.60	146	117095	42.370	ng		99
14) 1,2-Dichlorobenzene	7.91	146	112676	41.862	ng		95
15) Benzyl Alcohol	7.83	79	96374	43.890	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	117497	40.538	ng		97
17) 2-Methylphenol	8.02	107	87650	46.469	ng	#	91
18) Hexachloroethane	8.61	117	50910	42.431	ng		91
19) n-Nitroso-di-n-propylamine	8.38	70	82741	42.052	ng	#	85
20) 3+4-Methylphenols	8.35	107	115927	45.509	ng		94
22) Acetophenone	8.40	105	159472	47.606	ng	#	89
24) Nitrobenzene	8.78	77	132429	48.178	ng		93
25) Isophorone	9.30	82	218847	45.932	ng	#	97
26) 2-Nitrophenol	9.48	139	57626	49.493	ng	#	72
27) 2,4-Dimethylphenol	9.54	122	95540	54.438	ng		87
28) bis(2-Chloroethoxy)methane	9.77	93	130312	46.231	ng		99
29) 2,4-Dichlorophenol	10.00	162	106810	50.434	ng		97
30) 1,2,4-Trichlorobenzene	10.20	180	121654	46.634	ng		98
31) Naphthalene	10.39	128	321595	47.420	ng		100
32) Benzoic acid	9.74	122	62997	42.050	ng		95
33) 4-Chloroaniline	10.54	127	20776	7.320	ng		95
34) Hexachlorobutadiene	10.65	225	103932	46.433	ng		97
35) Caprolactam	11.36	113	25568m	44.912	ng		
36) 4-Chloro-3-methylphenol	11.66	107	109475	48.904	ng		97
37) 2-Methylnaphthalene	12.02	142	238365	48.086	ng	#	93
38) 1-Methylnaphthalene	12.23	142	224489	47.412	ng	#	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	163622	52.752	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	171239	92.372	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	96395	51.844	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	97904	51.874	ng	#	95
46) 1,1'-Biphenyl	13.05	154	312379	50.127	ng		99
47) 2-Chloronaphthalene	13.09	162	249629	48.673	ng		98
48) 2-Nitroaniline	13.33	65	73583	45.391	ng	#	84
49) Acenaphthylene	13.95	152	390899	49.691	ng		99
50) Dimethylphthalate	13.70	163	386035	57.945	ng		100
51) 2,6-Dinitrotoluene	13.84	165	64292	48.867	ng	#	66
52) Acenaphthene	14.29	154	223891	48.804	ng		99
53) 3-Nitroaniline	14.17	138	28286	21.589	ng	#	93
54) 2,4-Dinitrophenol	14.40	184	66662	88.390	ng	#	69
55) Dibenzofuran	14.63	168	378144	49.605	ng	#	89
56) 4-Nitrophenol	14.49	139	93091	106.605	ng	#	48
57) 2,4-Dinitrotoluene	14.64	165	90945	48.151	ng	#	63
58) Fluorene	15.28	166	303337	47.201	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	96015	51.026	ng	#	93
60) Diethylphthalate	15.07	149	326527	46.479	ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	193686	47.822	ng		96
62) 4-Nitroaniline	15.35	138	50063	41.284	ng	#	52
63) Azobenzene	15.57	77	326353	48.208	ng		83
65) 4,6-Dinitro-2-methylphenol	15.40	198	45065	46.632	ng		88
66) n-Nitrosodiphenylamine	15.50	169	245437	50.814	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	112468	50.384	ng	#	91
68) Hexachlorobenzene	16.28	284	119071	46.953	ng	#	85
69) Atrazine	16.47	200	90084	56.321	ng		98
70) Pentachlorophenol	16.64	266	130724	105.950	ng		99
71) Phenanthrene	17.03	178	413196	47.300	ng		99
72) Anthracene	17.12	178	420134	48.449	ng		99
73) Carbazole	17.40	167	329987	45.604	ng	#	97
74) Di-n-butylphthalate	17.96	149	487273	44.384	ng	#	97
75) Fluoranthene	19.06	202	457993	43.477	ng		98
77) Benzidine	19.27	184	171035	62.391	ng		98
78) Pyrene	19.42	202	451552	52.489	ng		99
80) Butylbenzylphthalate	20.33	149	186207	48.392	ng		88
81) Benzo(a)anthracene	21.18	228	408131	47.483	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	98048	32.717	ng	#	96
83) Chrysene	21.23	228	395991	47.725	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	273772	47.310	ng	#	93
85) Di-n-octyl phthalate	21.97	149	429162	45.819	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	533064	57.354	ng	#	96
88) Benzo(b)fluoranthene	22.73	252	423947	47.833	ng		99
89) Benzo(k)fluoranthene	22.78	252	401248m	46.314	ng		
90) Benzo(a)pyrene	23.30	252	403782	50.025	ng	#	98
91) Dibenzo(a,h)anthracene	25.59	278	449529	52.414	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	420096	56.026	ng		98

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

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