Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022225.D
Acq On : 21 Aug 2019 12:39
Operator : HP/JU
Sample : K4237-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MS

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:05 PM

Quant Time: Aug 21 14:26:37 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	36059	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	146151	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	95190	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	188482	20.00	ng		0.00
76) Chrysene-d12	21.19	240	159916	20.00	ng		0.00
87) Perylene-d12	23.39	264	171501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	209745	103.65	ng		0.00
7) Phenol-d6	6.76	99	282693	104.91	ng		0.00
23) Nitrobenzene-d5	8.74	82	205812	68.49	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	158774	103.05	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	503468	66.06	ng		0.00
79) Terphenyl-d14	19.63	244	716998	65.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	22865	26.969	ng	#	76
3) Pyridine	3.56	79	55432	25.808	ng	#	89
4) n-Nitrosodimethylamine	3.49	42	42731	33.207	ng	#	62
6) Aniline	6.92	93	41940	11.625	ng		95
8) 2-Chlorophenol	7.14	128	81829	33.964	ng		98
9) Benzaldehyde	6.74	77	39747	23.276	ng		93
10) Phenol	6.79	94	100399	35.193	ng		78
11) bis(2-Chloroethyl)ether	7.02	93	67563	29.938	ng		94
12) 1,3-Dichlorobenzene	7.45	146	86612	29.494	ng	#	91
13) 1,4-Dichlorobenzene	7.60	146	89802	30.122	ng		96
14) 1,2-Dichlorobenzene	7.91	146	86710	29.863	ng		98
15) Benzyl Alcohol	7.83	79	73550	31.050	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	91805	29.361	ng		99
17) 2-Methylphenol	8.02	107	66851	32.854	ng	#	92
18) Hexachloroethane	8.62	117	39132	30.233	ng		92
19) n-Nitroso-di-n-propylamine	8.38	70	63719	30.020	ng	#	87
20) 3+4-Methylphenols	8.35	107	89856	32.698	ng		91
22) Acetophenone	8.40	105	122996	32.805	ng	#	88
24) Nitrobenzene	8.78	77	103315	33.581	ng		92
25) Isophorone	9.30	82	171419	32.144	ng	#	97
26) 2-Nitrophenol	9.47	139	44510	34.155	ng	#	72
27) 2,4-Dimethylphenol	9.54	122	74614	37.985	ng		91
28) bis(2-Chloroethoxy)methane	9.77	93	100444	31.838	ng		99
29) 2,4-Dichlorophenol	10.00	162	83097	35.056	ng		97
30) 1,2,4-Trichlorobenzene	10.20	180	92613	31.719	ng		98
31) Naphthalene	10.39	128	249095	32.816	ng		98
33) 4-Chloroaniline	10.54	127	15838	4.986	ng	#	92
34) Hexachlorobutadiene	10.65	225	78701	31.414	ng		99
35) Caprolactam	11.36	113	19641m	30.825	ng		
36) 4-Chloro-3-methylphenol	11.66	107	87444	34.900	ng		97
37) 2-Methylnaphthalene	12.01	142	184761	33.301	ng	#	93
38) 1-Methylnaphthalene	12.23	142	174725	32.970	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	127202	34.139	ng		98
41) Hexachlorocyclopentadiene	12.34	237	119568	58.075	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.65	196	74940	33.551	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	80563	35.533	ng	#	96
46) 1,1'-Biphenyl	13.05	154	244273	32.630	ng		98
47) 2-Chloronaphthalene	13.09	162	193186	31.356	ng		95
48) 2-Nitroaniline	13.33	65	60384	31.007	ng	#	84
49) Acenaphthylene	13.95	152	309533	32.754	ng		99
50) Dimethylphthalate	13.70	163	377541	47.175	ng		99
51) 2,6-Dinitrotoluene	13.83	165	52598	33.280	ng	#	55
52) Acenaphthene	14.29	154	177753	32.254	ng		98
53) 3-Nitroaniline	14.17	138	28965	18.403	ng		95
54) 2,4-Dinitrophenol	14.40	184	10872	16.369	ng	#	78
55) Dibenzofuran	14.63	168	301715	32.947	ng	#	89
56) 4-Nitrophenol	14.49	139	76841	73.252	ng	#	51
57) 2,4-Dinitrotoluene	14.64	165	74210	32.707	ng	#	62
58) Fluorene	15.28	166	242224	31.376	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	77080	34.099	ng	#	94
60) Diethylphthalate	15.07	149	271086	32.122	ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	152292	31.301	ng		96
62) 4-Nitroaniline	15.35	138	43278	29.709	ng	#	47
63) Azobenzene	15.57	77	266268	32.742	ng		84
65) 4,6-Dinitro-2-methylphenol	15.40	198	29600	27.301	ng		85
66) n-Nitrosodiphenylamine	15.50	169	202722	33.543	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	91706	32.834	ng		95
68) Hexachlorobenzene	16.28	284	97878	30.846	ng	#	84
69) Atrazine	16.47	200	76959	38.455	ng		97
70) Pentachlorophenol	16.64	266	94414	61.157	ng		99
71) Phenanthrene	17.03	178	349829	32.006	ng		99
72) Anthracene	17.12	178	350349	32.290	ng		99
73) Carbazole	17.41	167	283483	31.311	ng		98
74) Di-n-butylphthalate	17.96	149	411253	29.938	ng	#	97
75) Fluoranthene	19.06	202	391028	29.666	ng		98
77) Benzidine	19.27	184	111913	31.201	ng		99
78) Pyrene	19.42	202	387813	34.453	ng		99
80) Butylbenzylphthalate	20.33	149	155630	30.912	ng		87
81) Benzo(a)anthracene	21.18	228	350909	31.202	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	101346	25.846	ng		99
83) Chrysene	21.23	228	341581	31.464	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	235918	31.159	ng	#	92
85) Di-n-octyl phthalate	21.97	149	364557	29.747	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	423900	34.858	ng		97
88) Benzo(b)fluoranthene	22.73	252	353600m	30.878	ng		
89) Benzo(k)fluoranthene	22.78	252	343468	30.684	ng		99
90) Benzo(a)pyrene	23.30	252	338836	32.490	ng		98
91) Dibenzo(a,h)anthracene	25.59	278	361047	32.582	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	333184	34.392	ng	#	96

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

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