Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022231.D
Acq On : 21 Aug 2019 16:20
Operator : HP/JU
Sample : K4421-13MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SUNSET-PARK-SB-1-COMPMS

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:16 PM

Quant Time: Aug 21 17:06:21 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	7.56	152	40879	20.00	ng		-0.01
21) Naphthalene-d8	10.34	136	147587	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	79308	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	137633	20.00	ng		0.00
76) Chrysene-d12	21.19	240	156888	20.00	ng		0.00
87) Perylene-d12	23.39	264	187743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	367480	160.19	ng		0.00
7) Phenol-d6	6.77	99	479084	156.82	ng		0.00
23) Nitrobenzene-d5	8.74	82	345432	113.84	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	197131	153.57	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	775271	122.09	ng		0.00
79) Terphenyl-d14	19.63	244	964116	89.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	36059	37.516	ng	#	88
3) Pyridine	3.56	79	88035	36.154	ng	#	86
4) n-Nitrosodimethylamine	3.49	42	71965	49.331	ng	#	59
6) Aniline	6.92	93	125434	30.668	ng		94
8) 2-Chlorophenol	7.14	128	130379	47.734	ng		95
9) Benzaldehyde	6.74	77	58174	30.050	ng		92
10) Phenol	6.79	94	160511	49.630	ng		80
11) bis(2-Chloroethyl)ether	7.02	93	110105	43.036	ng		97
12) 1,3-Dichlorobenzene	7.45	146	141345	42.457	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	145581	43.074	ng		96
14) 1,2-Dichlorobenzene	7.91	146	142448	43.275	ng		97
15) Benzyl Alcohol	7.83	79	117950	43.922	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.09	45	146669	41.377	ng		98
17) 2-Methylphenol	8.02	107	104873	45.463	ng	#	89
18) Hexachloroethane	8.61	117	63277	43.123	ng		89
19) n-Nitroso-di-n-propylamine	8.39	70	98870	41.088	ng	#	87
20) 3+4-Methylphenols	8.35	107	135889	43.619	ng		94
22) Acetophenone	8.40	105	191805	50.660	ng	#	89
24) Nitrobenzene	8.78	77	159908	51.471	ng		93
25) Isophorone	9.30	82	259892	48.260	ng	#	95
26) 2-Nitrophenol	9.47	139	69410	52.743	ng	#	72
27) 2,4-Dimethylphenol	9.54	122	113032	56.983	ng		90
28) bis(2-Chloroethoxy)methane	9.77	93	153654	48.230	ng		98
29) 2,4-Dichlorophenol	10.00	162	122641	51.235	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	145369	49.303	ng		99
31) Naphthalene	10.39	128	381945	49.828	ng		99
32) Benzoic acid	9.72	122	54709	32.309	ng		92
33) 4-Chloroaniline	10.53	127	53103	16.554	ng		93
34) Hexachlorobutadiene	10.65	225	126815	50.127	ng		98
35) Caprolactam	11.36	113	27724m	43.087	ng		
36) 4-Chloro-3-methylphenol	11.66	107	117981	46.630	ng		97
37) 2-Methylnaphthalene	12.01	142	277206	49.477	ng	#	92
38) 1-Methylnaphthalene	12.23	142	252613	47.203	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	184579	59.458	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	161622	87.706	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	104063	55.920	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	103335	54.705	ng	#	95
46) 1,1'-Biphenyl	13.05	154	345268	55.357	ng		99
47) 2-Chloronaphthalene	13.09	162	269077	52.420	ng		96
48) 2-Nitroaniline	13.33	65	77968	48.054	ng		84
49) Acenaphthylene	13.95	152	408075	51.830	ng		100
50) Dimethylphthalate	13.70	163	401923	60.278	ng		100
51) 2,6-Dinitrotoluene	13.83	165	67097	50.956	ng	#	60
52) Acenaphthene	14.29	154	233457	50.845	ng		98
53) 3-Nitroaniline	14.17	138	46128	35.176	ng		95
54) 2,4-Dinitrophenol	14.40	184	37312	51.659	ng	#	71
55) Dibenzofuran	14.63	168	385067	50.470	ng		91
56) 4-Nitrophenol	14.49	139	89947	102.917	ng	#	51
57) 2,4-Dinitrotoluene	14.64	165	89541	47.367	ng	#	65
58) Fluorene	15.28	166	304004	47.264	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	92386	49.055	ng	#	93
60) Diethylphthalate	15.07	149	333998	47.502	ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	192526	47.495	ng		95
62) 4-Nitroaniline	15.35	138	49258	40.585	ng	#	54
63) Azobenzene	15.57	77	322340	47.574	ng		84
65) 4,6-Dinitro-2-methylphenol	15.40	198	30024	35.612	ng		86
66) n-Nitrosodiphenylamine	15.50	169	242951	55.052	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	108933	53.411	ng	#	89
68) Hexachlorobenzene	16.28	284	113847	49.134	ng	#	85
69) Atrazine	16.47	200	85958	58.820	ng		97
70) Pentachlorophenol	16.64	266	121358	107.653	ng		98
71) Phenanthrene	17.03	178	428755	53.719	ng		99
72) Anthracene	17.12	178	411848	51.981	ng		99
73) Carbazole	17.40	167	324590	49.097	ng	#	98
74) Di-n-butylphthalate	17.96	149	482936	48.145	ng	#	98
75) Fluoranthene	19.06	202	537912	55.888	ng		98
77) Benzidine	19.27	184	81549	23.175	ng		99
78) Pyrene	19.42	202	544325	49.291	ng		100
80) Butylbenzylphthalate	20.33	149	202693	41.037	ng	#	82
81) Benzo(a)anthracene	21.18	228	586029	53.115	ng		98
82) 3,3'-Dichlorobenzidine	21.12	252	148409	38.579	ng		98
83) Chrysene	21.23	228	571279	53.637	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	324905	43.740	ng		93
85) Di-n-octyl phthalate	21.97	149	552465	45.950	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	807997	67.725	ng	#	96
88) Benzo(b)fluoranthene	22.74	252	662372	52.838	ng	#	98
89) Benzo(k)fluoranthene	22.78	252	631154	51.506	ng	#	99
90) Benzo(a)pyrene	23.30	252	635553	55.669	ng	#	98
91) Dibenzo(a,h)anthracene	25.60	278	665036	54.823	ng	#	96
92) Benzo(g,h,i)perylene	26.27	276	628835	59.294	ng	#	96

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

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