Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020517.D
Acq On : 23 May 2019 15:56
Operator : JU/SJ
Sample : K2966-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:35 PM

Quant Time: May 24 03:06:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	40254	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	135544	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	79079	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	196977	20.00	ng		0.00
76) Chrysene-d12	21.28	240	236888	20.00	ng		0.00
87) Perylene-d12	23.53	264	276998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	238417	96.81	ng		0.00
7) Phenol-d6	6.85	99	318347	94.62	ng		0.00
23) Nitrobenzene-d5	8.84	82	204726	59.63	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	135420	110.33	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	379237	59.00	ng		0.00
79) Terphenyl-d14	19.72	244	712722	52.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	31727	26.268	ng	#	89
3) Pyridine	3.59	79	70050	22.677	ng		89
4) n-Nitrosodimethylamine	3.50	42	24149	24.380	ng	#	47
6) Aniline	7.00	93	53975	12.745	ng		93
8) 2-Chlorophenol	7.23	128	82039	30.595	ng		97
9) Benzaldehyde	6.83	77	60028	23.574	ng		92
10) Phenol	6.87	94	116501	32.167	ng		87
11) bis(2-Chloroethyl)ether	7.10	93	81033	30.783	ng		93
12) 1,3-Dichlorobenzene	7.56	146	94324	30.234	ng		91
13) 1,4-Dichlorobenzene	7.70	146	98339	31.203	ng		96
14) 1,2-Dichlorobenzene	8.02	146	93007	30.975	ng		96
15) Benzyl Alcohol	7.92	79	75797	23.365	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	53975	24.728	ng		89
17) 2-Methylphenol	8.12	107	69680	29.887	ng		94
18) Hexachloroethane	8.73	117	36199	27.546	ng		90
19) n-Nitroso-di-n-propylamine	8.48	70	69168	24.031	ng		93
20) 3+4-Methylphenols	8.45	107	88968	28.712	ng		94
22) Acetophenone	8.50	105	124435	33.591	ng	#	94
24) Nitrobenzene	8.88	77	108594	30.507	ng		95
25) Isophorone	9.40	82	178669	30.178	ng		97
26) 2-Nitrophenol	9.59	139	36762	34.208	ng		90
27) 2,4-Dimethylphenol	9.65	122	66171	36.984	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	97192	30.141	ng		98
29) 2,4-Dichlorophenol	10.12	162	77670	34.427	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	98515	35.488	ng		98
31) Naphthalene	10.51	128	225611	32.075	ng		99
32) Benzoic acid	9.76	122	35084m	30.375	ng		
33) 4-Chloroaniline	10.65	127	29345	10.136	ng		94
34) Hexachlorobutadiene	10.77	225	67955	34.605	ng		97
35) Caprolactam	11.45	113	18342	27.190	ng		90
36) 4-Chloro-3-methylphenol	11.77	107	76600	28.892	ng		92
37) 2-Methylnaphthalene	12.13	142	162135	31.618	ng		96
38) 1-Methylnaphthalene	12.35	142	153668	30.645	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	116853	37.769	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	88519	48.592	ng		99
43) 2,4,6-Trichlorophenol	12.76	196	67746	38.529	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	70503	35.892	ng		95
46) 1,1'-Biphenyl	13.16	154	214240	32.915	ng		99
47) 2-Chloronaphthalene	13.20	162	175112	33.696	ng		96
48) 2-Nitroaniline	13.43	65	41537	22.450	ng		91
49) Acenaphthylene	14.05	152	259246	31.170	ng		99
50) Dimethylphthalate	13.79	163	279489	41.584	ng		99
51) 2,6-Dinitrotoluene	13.93	165	43922	31.027	ng		88
52) Acenaphthene	14.39	154	151927	31.854	ng		99
53) 3-Nitroaniline	14.26	138	17990	13.693	ng		95
54) 2,4-Dinitrophenol	14.48	184	43301	63.072	ng	#	84
55) Dibenzofuran	14.73	168	266886	33.174	ng		96
56) 4-Nitrophenol	14.57	139	61776	55.109	ng		86
57) 2,4-Dinitrotoluene	14.72	165	60705	31.559	ng		96
58) Fluorene	15.39	166	208881	31.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	71631	38.374	ng	#	92
60) Diethylphthalate	15.16	149	202535	29.910	ng		97
61) 4-Chlorophenyl-phenylether	15.38	204	126566	33.808	ng		91
62) 4-Nitroaniline	15.43	138	29287m	20.199	ng		
63) Azobenzene	15.67	77	217445	27.220	ng		95
65) 4,6-Dinitro-2-methylphenol	15.49	198	32186	34.714	ng		92
66) n-Nitrosodiphenylamine	15.60	169	181550	31.323	ng		98
67) 4-Bromophenyl-phenylether	16.27	248	78736	32.597	ng	#	92
68) Hexachlorobenzene	16.38	284	96211	34.614	ng		93
69) Atrazine	16.55	200	65049	28.718	ng		98
70) Pentachlorophenol	16.73	266	107747	67.750	ng		98
71) Phenanthrene	17.13	178	345925	31.814	ng		99
72) Anthracene	17.22	178	343411	31.589	ng		99
73) Carbazole	17.50	167	297742	30.353	ng		98
74) Di-n-butylphthalate	18.04	149	323015	27.362	ng		99
75) Fluoranthene	19.15	202	458697	33.342	ng		98
77) Benzidine	19.35	184	65623	8.665	ng		98
78) Pyrene	19.52	202	466308	29.319	ng		99
80) Butylbenzylphthalate	20.41	149	146902	25.399	ng		99
81) Benzo(a)anthracene	21.26	228	489163	29.445	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	110682	17.456	ng		98
83) Chrysene	21.32	228	494104	30.667	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	228101	25.416	ng		98
85) Di-n-octyl phthalate	22.06	149	418683	28.068	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.80	276	675397	35.242	ng	#	100
88) Benzo(b)fluoranthene	22.85	252	564890m	30.883	ng		
89) Benzo(k)fluoranthene	22.89	252	517556	31.019	ng		99
90) Benzo(a)pyrene	23.43	252	529095	31.845	ng		99
91) Dibenzo(a,h)anthracene	25.81	278	579374	33.532	ng	#	98
92) Benzo(g,h,i)perylene	26.51	276	570750	34.793	ng		97

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

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