Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020537.D
Acq On : 24 May 2019 04:00
Operator : JU/SJ
Sample : K2993-17MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-2MSD

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:43 PM

Quant Time: May 24 06:39:38 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	7.66	152	48800	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	160825	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	99999	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	256825	20.00	ng		0.00
76) Chrysene-d12	21.27	240	309453	20.00	ng		-0.01
87) Perylene-d12	23.51	264	352137	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	302093	101.19	ng		0.00
7) Phenol-d6	6.84	99	392584	96.26	ng		-0.01
23) Nitrobenzene-d5	8.83	82	254857	62.56	ng		-0.01
42) 2,4,6-Tribromophenol	15.83	330	189420	122.04	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	517827	63.71	ng		0.00
79) Terphenyl-d14	19.71	244	1035584	58.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	45686	31.202	ng	#	83
3) Pyridine	3.58	79	82432	22.013	ng	#	88
4) n-Nitrosodimethylamine	3.50	42	30392	25.309	ng	#	46
6) Aniline	7.00	93	78944	15.376	ng		96
8) 2-Chlorophenol	7.23	128	103142	31.729	ng		96
9) Benzaldehyde	6.82	77	68739	22.268	ng		96
10) Phenol	6.87	94	146476	33.361	ng		86
11) bis(2-Chloroethyl)ether	7.10	93	98023	30.716	ng		92
12) 1,3-Dichlorobenzene	7.55	146	118196	31.251	ng		94
13) 1,4-Dichlorobenzene	7.70	146	120665	31.582	ng		98
14) 1,2-Dichlorobenzene	8.01	146	115988	31.864	ng		98
15) Benzyl Alcohol	7.92	79	90312	22.964	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	61779	23.347	ng		89
17) 2-Methylphenol	8.11	107	83839	29.662	ng		95
18) Hexachloroethane	8.73	117	45551	28.593	ng	#	87
19) n-Nitroso-di-n-propylamine	8.47	70	86502	24.790	ng		92
20) 3+4-Methylphenols	8.44	107	109804	29.231	ng		97
22) Acetophenone	8.50	105	155327	35.339	ng	#	94
24) Nitrobenzene	8.88	77	135417	32.062	ng		93
25) Isophorone	9.40	82	219818	31.292	ng		98
26) 2-Nitrophenol	9.58	139	45235	35.475	ng		93
27) 2,4-Dimethylphenol	9.64	122	75440	35.537	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	117360	30.675	ng		96
29) 2,4-Dichlorophenol	10.11	162	97364	36.372	ng		95
30) 1,2,4-Trichlorobenzene	10.32	180	124389	37.765	ng		96
31) Naphthalene	10.50	128	280704	33.634	ng		99
32) Benzoic acid	9.74	122	11884	13.395	ng		84
33) 4-Chloroaniline	10.64	127	46367	13.498	ng		96
34) Hexachlorobutadiene	10.77	225	90060	38.652	ng		97
35) Caprolactam	11.45	113	21801m	27.237	ng		
36) 4-Chloro-3-methylphenol	11.76	107	96714	30.745	ng		97
37) 2-Methylnaphthalene	12.13	142	201672	33.146	ng		98
38) 1-Methylnaphthalene	12.35	142	194636	32.714	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	155804	39.824	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	118288	51.349	ng		96
43) 2,4,6-Trichlorophenol	12.75	196	88343	39.732	ng		100
44) 2,4,5-Trichlorophenol	12.82	196	90802	36.555	ng		95
46) 1,1'-Biphenyl	13.15	154	275589	33.482	ng		97
47) 2-Chloronaphthalene	13.19	162	224899	34.222	ng		97
48) 2-Nitroaniline	13.42	65	54880	23.457	ng		92
49) Acenaphthylene	14.04	152	334423	31.797	ng		99
50) Dimethylphthalate	13.79	163	336986	39.649	ng		99
51) 2,6-Dinitrotoluene	13.92	165	57839	32.311	ng		90
52) Acenaphthene	14.39	154	198262	32.873	ng		98
53) 3-Nitroaniline	14.26	138	30583	18.408	ng		100
54) 2,4-Dinitrophenol	14.47	184	21341	29.752	ng		96
55) Dibenzofuran	14.73	168	355837	34.978	ng		95
56) 4-Nitrophenol	14.57	139	76668	54.085	ng		91
57) 2,4-Dinitrotoluene	14.72	165	81863	33.655	ng		94
58) Fluorene	15.38	166	279953	33.507	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	96318	40.804	ng	#	91
60) Diethylphthalate	15.15	149	263170	30.734	ng		98
61) 4-Chlorophenyl-phenylether	15.37	204	175645	37.103	ng		89
62) 4-Nitroaniline	15.42	138	37497	20.451	ng		94
63) Azobenzene	15.67	77	294465	29.150	ng		96
65) 4,6-Dinitro-2-methylphenol	15.48	198	28254	25.712	ng		91
66) n-Nitrosodiphenylamine	15.59	169	243775	32.257	ng		100
67) 4-Bromophenyl-phenylether	16.27	248	110518	35.092	ng		92
68) Hexachlorobenzene	16.37	284	136134	37.564	ng		94
69) Atrazine	16.55	200	87263	29.547	ng		96
70) Pentachlorophenol	16.73	266	141202	68.097	ng		96
71) Phenanthrene	17.12	178	473684	33.412	ng		99
72) Anthracene	17.22	178	467324	32.970	ng		100
73) Carbazole	17.49	167	391302	30.595	ng		99
74) Di-n-butylphthalate	18.04	149	441185	28.664	ng		99
75) Fluoranthene	19.14	202	621085	34.625	ng		99
77) Benzidine	19.34	184	31259	3.160	ng		98
78) Pyrene	19.51	202	638333	30.724	ng		99
80) Butylbenzylphthalate	20.41	149	179904	23.811	ng		95
81) Benzo(a)anthracene	21.26	228	680204	31.343	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	136579	16.489	ng	#	96
83) Chrysene	21.31	228	674697	32.056	ng		100
84) Bis(2-ethylhexyl)phthalate	21.17	149	279840	23.869	ng		98
85) Di-n-octyl phthalate	22.05	149	510850	26.216	ng		96
86) Indeno(1,2,3-cd)pyrene	25.79	276	904955	36.148	ng	#	100
88) Benzo(b)fluoranthene	22.84	252	775183	33.337	ng		99
89) Benzo(k)fluoranthene	22.89	252	727332m	34.290	ng		
90) Benzo(a)pyrene	23.41	252	728212	34.477	ng		99
91) Dibenzo(a,h)anthracene	25.80	278	785578	35.764	ng	#	97
92) Benzo(g,h,i)perylene	26.49	276	755094	36.208	ng		96

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

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