Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001536.D
Acq On : 06 Jan 2020 18:47
Operator : JU
Sample : K6471-14MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-123019-0-2-COMP-B1MS

Quant Time: Jan 07 02:54:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	47568	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	176921	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	119314	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	280120	20.00	ng		0.00
76) Chrysene-d12	21.18	240	206457	20.00	ng		0.00
87) Perylene-d12	23.43	264	220333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	269732	95.26	ng		0.00
7) Phenol-d6	6.89	99	394032	103.32	ng		0.00
23) Nitrobenzene-d5	8.83	82	273144	76.26	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	173138	128.22	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	561553	69.20	ng		0.00
79) Terphenyl-d14	19.66	244	851652	82.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	34668	29.124	ng		98
3) Pyridine	3.68	79	98618	27.255	ng		98
4) n-Nitrosodimethylamine	3.58	42	79495	51.966	ng		99
6) Aniline	7.02	93	131870	26.847	ng		97
8) 2-Chlorophenol	7.26	128	127488	43.436	ng		98
9) Benzaldehyde	6.83	77	86183	42.640	ng		97
10) Phenol	6.92	94	183329	45.696	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	130666	41.365	ng		97
12) 1,3-Dichlorobenzene	7.57	146	151013	42.005	ng		92
13) 1,4-Dichlorobenzene	7.72	146	154884	42.872	ng		99
14) 1,2-Dichlorobenzene	8.03	146	147354	42.557	ng		100
15) Benzyl Alcohol	7.94	79	141354	46.113	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	213705	48.344	ng		98
17) 2-Methylphenol	8.15	107	111510	42.526	ng		97
18) Hexachloroethane	8.75	117	54189	39.458	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	108368	43.609	ng	#	95
20) 3+4-Methylphenols	8.47	107	151629	42.934	ng		98
22) Acetophenone	8.51	105	203018	40.793	ng		97
24) Nitrobenzene	8.87	77	174449	47.285	ng		97
25) Isophorone	9.42	82	292920	42.829	ng		98
26) 2-Nitrophenol	9.58	139	66625	50.597	ng		97
27) 2,4-Dimethylphenol	9.66	122	118584	49.741	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	169095	39.421	ng		99
29) 2,4-Dichlorophenol	10.12	162	137524	47.084	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	164555	47.315	ng		95
31) Naphthalene	10.50	128	401364	43.130	ng		100
32) Benzoic acid	9.84	122	85595	51.180	ng		98
33) 4-Chloroaniline	10.62	127	72097	17.804	ng		97
34) Hexachlorobutadiene	10.80	225	113325	49.244	ng		97
35) Caprolactam	11.47	113	40060	41.127	ng		86
36) 4-Chloro-3-methylphenol	11.77	107	147432	46.047	ng		97
37) 2-Methylnaphthalene	12.13	142	303823	45.805	ng		98
38) 1-Methylnaphthalene	12.35	142	285208	45.455	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	195531	49.088	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	90735	44.125	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	124715	50.012	ng	97
44) 2,4,5-Trichlorophenol	12.83	196	134161	51.723	ng	99
46) 1,1'-Biphenyl	13.15	154	399304	44.279	ng	97
47) 2-Chloronaphthalene	13.19	162	325109	43.896	ng	98
48) 2-Nitroaniline	13.40	65	115542	53.404	ng	100
49) Acenaphthylene	14.04	152	507842	45.209	ng	99
50) Dimethylphthalate	13.80	163	440084	47.186	ng	99
51) 2,6-Dinitrotoluene	13.90	165	86020	46.897	ng	97
52) Acenaphthene	14.39	154	296642	42.079	ng	99
53) 3-Nitroaniline	14.23	138	47153	22.794	ng	96
54) 2,4-Dinitrophenol	14.43	184	26198	38.138	ng	93
55) Dibenzofuran	14.73	168	499574	46.263	ng	99
56) 4-Nitrophenol	14.57	139	148107	95.737	ng	93
57) 2,4-Dinitrotoluene	14.70	165	116230	47.002	ng	99
58) Fluorene	15.38	166	384854	46.788	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	125502	55.437	ng	98
60) Diethylphthalate	15.18	149	394599	42.032	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	217837	49.100	ng	98
62) 4-Nitroaniline	15.40	138	69465	33.452	ng	96
63) Azobenzene	15.67	77	420336	46.346	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	21010	23.044	ng	93
66) n-Nitrosodiphenylamine	15.60	169	348098	42.880	ng	98
67) 4-Bromophenyl-phenylether	16.28	248	141157	45.500	ng	98
68) Hexachlorobenzene	16.39	284	156678	44.894	ng	98
69) Atrazine	16.57	200	138462	48.131	ng	99
70) Pentachlorophenol	16.74	266	187544	104.449	ng	96
71) Phenanthrene	17.12	178	684601	45.060	ng	100
72) Anthracene	17.22	178	673792	44.746	ng	99
73) Carbazole	17.49	167	587524	42.167	ng	99
74) Di-n-butylphthalate	18.07	149	660287	37.336	ng	100
75) Fluoranthene	19.10	202	813584	44.236	ng	98
77) Benzidine	19.29	184	559859	118.595	ng	99
78) Pyrene	19.46	202	809728	54.048	ng	99
80) Butylbenzylphthalate	20.36	149	265459	41.185	ng	99
81) Benzo(a)anthracene	21.17	228	667730	46.094	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	262574	51.064	ng	98
83) Chrysene	21.22	228	636446	45.820	ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	355300	37.617	ng	99
85) Di-n-octyl phthalate	22.02	149	570210	34.712	ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	695067	41.116	ng	99
88) Benzo(b)fluoranthene	22.76	252	641891	47.051	ng	98
89) Benzo(k)fluoranthene	22.80	252	601206	46.006	ng	99
90) Benzo(a)pyrene	23.33	252	567375	44.429	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	581965	45.852	ng	98
92) Benzo(g,h,i)perylene	26.40	276	588594	46.496	ng	98

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

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