Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001537.D
Acq On : 06 Jan 2020 19:20
Operator : JU
Sample : K6471-14MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Manual Integrations APPROVED
mohammad
1/7/2020 12:31:32 PM

Quant Time: Jan 07 03:13:42 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	45093	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	168465	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	116905	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	274250	20.00	ng		0.00
76) Chrysene-d12	21.18	240	212421	20.00	ng		0.00
87) Perylene-d12	23.43	264	224778	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	205398	76.52	ng		0.00
7) Phenol-d6	6.89	99	297146	82.19	ng		0.00
23) Nitrobenzene-d5	8.83	82	207072	60.71	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	134005	101.28	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	426397	53.63	ng		0.00
79) Terphenyl-d14	19.66	244	691744	64.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	35112	31.116	ng		97
3) Pyridine	3.68	79	99455	28.995	ng		97
4) n-Nitrosodimethylamine	3.58	42	77719	53.594	ng		96
6) Aniline	7.02	93	134449	28.875	ng		100
8) 2-Chlorophenol	7.26	128	125474	45.097	ng		98
9) Benzaldehyde	6.83	77	84931	45.346	ng		98
10) Phenol	6.92	94	176023	46.283	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	127005	42.412	ng		98
12) 1,3-Dichlorobenzene	7.57	146	150165	44.062	ng		94
13) 1,4-Dichlorobenzene	7.72	146	151191	44.146	ng		99
14) 1,2-Dichlorobenzene	8.03	146	144629	44.063	ng		99
15) Benzyl Alcohol	7.93	79	137286	47.244	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	212484	50.706	ng		98
17) 2-Methylphenol	8.15	107	109233	43.944	ng		99
18) Hexachloroethane	8.75	117	53271	40.919	ng		95
19) n-Nitroso-di-n-propylamine	8.50	70	106708	45.298	ng	#	95
20) 3+4-Methylphenols	8.47	107	147348	44.012	ng		93
22) Acetophenone	8.50	105	198702	41.930	ng		98
24) Nitrobenzene	8.87	77	171060	48.694	ng		100
25) Isophorone	9.42	82	285964	43.911	ng		99
26) 2-Nitrophenol	9.58	139	65194	51.996	ng		98
27) 2,4-Dimethylphenol	9.66	122	114428	50.407	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	163928	40.134	ng		98
29) 2,4-Dichlorophenol	10.12	162	133925	48.153	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	160807	48.558	ng		98
31) Naphthalene	10.51	128	397229	44.828	ng		100
32) Benzoic acid	9.84	122	84226	52.630	ng		92
33) 4-Chloroaniline	10.62	127	75182	19.498	ng		97
34) Hexachlorobutadiene	10.80	225	112618	51.393	ng		96
35) Caprolactam	11.47	113	39216m	42.281	ng		
36) 4-Chloro-3-methylphenol	11.78	107	145993	47.887	ng		97
37) 2-Methylnaphthalene	12.13	142	298163	47.208	ng		99
38) 1-Methylnaphthalene	12.35	142	281350	47.091	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	191479	49.061	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	89871	44.605 ng	97
43) 2,4,6-Trichlorophenol	12.75	196	122658	50.201 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	133999	52.725 ng	97
46) 1,1'-Biphenyl	13.15	154	391398	44.297 ng	97
47) 2-Chloronaphthalene	13.19	162	319575	44.038 ng	99
48) 2-Nitroaniline	13.40	65	112637	53.134 ng	96
49) Acenaphthylene	14.04	152	491764	44.680 ng	99
50) Dimethylphthalate	13.80	163	422106	46.191 ng	99
51) 2,6-Dinitrotoluene	13.90	165	83516	46.470 ng	98
52) Acenaphthene	14.39	154	290153	42.006 ng	99
53) 3-Nitroaniline	14.23	138	48195	23.778 ng	96
54) 2,4-Dinitrophenol	14.43	184	27495	40.392 ng	98
55) Dibenzofuran	14.73	168	489524	46.267 ng	99
56) 4-Nitrophenol	14.57	139	149277	98.482 ng	94
57) 2,4-Dinitrotoluene	14.69	165	116993	48.285 ng	97
58) Fluorene	15.38	166	381655	47.356 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	122830	55.375 ng	97
60) Diethylphthalate	15.18	149	388985	42.288 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	216793	49.872 ng	99
62) 4-Nitroaniline	15.40	138	67861	33.353 ng	98
63) Azobenzene	15.67	77	412196	46.385 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	22422	24.590 ng	99
66) n-Nitrosodiphenylamine	15.60	169	342256	43.063 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	141096	46.454 ng	98
68) Hexachlorobenzene	16.39	284	156472	45.794 ng	99
69) Atrazine	16.57	200	138630	49.220 ng	97
70) Pentachlorophenol	16.74	266	194046	110.383 ng	97
71) Phenanthrene	17.12	178	675807	45.433 ng	98
72) Anthracene	17.22	178	676595	45.894 ng	100
73) Carbazole	17.49	167	581663	42.640 ng	99
74) Di-n-butylphthalate	18.07	149	663574	38.325 ng	100
75) Fluoranthene	19.10	202	825535	45.846 ng	99
77) Benzidine	19.29	184	586693	120.790 ng	99
78) Pyrene	19.45	202	826554	53.622 ng	99
80) Butylbenzylphthalate	20.36	149	275441	41.534 ng	97
81) Benzo(a)anthracene	21.17	228	704415	47.261 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	275330	52.041 ng	100
83) Chrysene	21.22	228	662906	46.385 ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	367890	37.856 ng	98
85) Di-n-octyl phthalate	22.02	149	601355	35.580 ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	723762	41.612 ng	100
88) Benzo(b)fluoranthene	22.76	252	662755	47.619 ng	98
89) Benzo(k)fluoranthene	22.80	252	616414	46.237 ng	99
90) Benzo(a)pyrene	23.33	252	592062	45.445 ng	98
91) Dibenzo(a,h)anthracene	25.73	278	609292	47.056 ng	99
92) Benzo(g,h,i)perylene	26.40	276	616951	47.773 ng	98

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

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