Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001472.D
Acq On : 27 Dec 2019 22:16
Operator : JU
Sample : K6431-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MS

Manual Integrations APPROVED
mohammad
12/30/2019 2:07:55 PM

Quant Time: Dec 28 04:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23021	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	80575	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	49165	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	97674	20.00	ng		0.00
76) Chrysene-d12	19.23	240	81283	20.00	ng		0.00
87) Perylene-d12	20.99	264	82409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	219653	154.21	ng		0.01
7) Phenol-d6	7.76	99	295703	159.10	ng		0.01
23) Nitrobenzene-d5	9.17	82	196089	93.45	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	103723	168.74	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	396008	101.85	ng		0.00
79) Terphenyl-d14	17.86	244	513960	108.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	21972	37.482	ng		92
3) Pyridine	3.40	79	52911	33.041	ng		98
4) n-Nitrosodimethylamine	3.32	42	47386	46.733	ng		92
6) Aniline	7.76	93	71119	30.396	ng	#	91
8) 2-Chlorophenol	7.96	128	71120	49.665	ng		95
9) Benzaldehyde	7.58	77	47263	36.249	ng		96
10) Phenol	7.78	94	102563	48.295	ng	#	75
11) bis(2-Chloroethyl)ether	7.89	93	66200	44.063	ng		98
12) 1,3-Dichlorobenzene	8.19	146	83122	46.601	ng		97
13) 1,4-Dichlorobenzene	8.31	146	86169	47.417	ng		98
14) 1,2-Dichlorobenzene	8.55	146	81282	46.950	ng		97
15) Benzyl Alcohol	8.53	79	76845	44.063	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	84283	35.422	ng		90
17) 2-Methylphenol	8.72	107	60520	47.827	ng		99
18) Hexachloroethane	9.09	117	33556	43.407	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	57706	43.734	ng	#	94
20) 3+4-Methylphenols	8.97	107	79501	47.344	ng		93
22) Acetophenone	8.93	105	113912	44.706	ng	#	99
24) Nitrobenzene	9.20	77	89153	43.170	ng		95
25) Isophorone	9.60	82	148322	43.962	ng		97
26) 2-Nitrophenol	9.71	139	37637	51.109	ng		97
27) 2,4-Dimethylphenol	9.82	122	62979	58.148	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	83859	41.616	ng		98
29) 2,4-Dichlorophenol	10.11	162	65502	48.842	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	79530	48.212	ng		96
31) Naphthalene	10.36	128	214156	48.690	ng		99
32) Benzoic acid	10.03	122	31811	37.548	ng		91
33) 4-Chloroaniline	10.45	127	26243	14.590	ng		95
34) Hexachlorobutadiene	10.57	225	51910	45.117	ng		96
35) Caprolactam	11.04	113	20318m	50.915	ng		
36) 4-Chloro-3-methylphenol	11.29	107	72335	46.156	ng		96
37) 2-Methylnaphthalene	11.49	142	153504	50.553	ng		99
38) 1-Methylnaphthalene	11.65	142	145053	50.812	ng		97
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	87699	48.242	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	86859	96.606 ng		99
43) 2,4,6-Trichlorophenol	11.96	196	53982	48.285 ng		94
44) 2,4,5-Trichlorophenol	12.03	196	58752	51.147 ng		97
46) 1,1'-Biphenyl	12.26	154	197003	47.883 ng		99
47) 2-Chloronaphthalene	12.27	162	153711	46.214 ng		99
48) 2-Nitroaniline	12.45	65	53052	39.833 ng		96
49) Acenaphthylene	12.95	152	235699	48.477 ng		98
50) Dimethylphthalate	12.79	163	219475	54.414 ng		99
51) 2,6-Dinitrotoluene	12.86	165	38792	47.365 ng		89
52) Acenaphthene	13.24	154	138409	47.247 ng		99
53) 3-Nitroaniline	13.12	138	18538	21.089 ng		96
54) 2,4-Dinitrophenol	13.31	184	31622	99.991 ng		97
55) Dibenzofuran	13.52	168	223957	48.794 ng		99
56) 4-Nitrophenol	13.45	139	56750	90.284 ng		98
57) 2,4-Dinitrotoluene	13.52	165	54482	47.862 ng	#	94
58) Fluorene	14.09	166	177859	48.448 ng		99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	47844m	48.514 ng		
60) Diethylphthalate	13.95	149	179923	43.249 ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	93362	48.379 ng		99
62) 4-Nitroaniline	12.45	138	45212	44.414 ng		90
63) Azobenzene	14.36	77	186496	42.582 ng		97
65) 4,6-Dinitro-2-methylphenol	14.19	198	24384	55.742 ng		92
66) n-Nitrosodiphenylamine	14.30	169	153352	49.524 ng		99
67) 4-Bromophenyl-phenylether	14.90	248	57149	49.488 ng		95
68) Hexachlorobenzene	14.98	284	62567	47.592 ng		96
69) Atrazine	15.19	200	56751	51.023 ng		97
70) Pentachlorophenol	15.30	266	66576	98.750 ng		93
71) Phenanthrene	15.62	178	288589	51.787 ng		98
72) Anthracene	15.70	178	284971	51.658 ng		99
73) Carbazole	15.95	167	242614	49.329 ng		99
74) Di-n-butylphthalate	16.49	149	296257	43.894 ng		98
75) Fluoranthene	17.33	202	322639	51.779 ng		99
77) Benzidine	17.52	184	149577	63.204 ng		99
78) Pyrene	17.63	202	322505	51.101 ng		99
80) Butylbenzylphthalate	18.52	149	126183	42.886 ng		90
81) Benzo(a)anthracene	19.22	228	287419	48.526 ng		99
82) 3,3'-Dichlorobenzidine	19.18	252	74720	36.330 ng		96
83) Chrysene	19.26	228	277733	48.580 ng		100
84) Bis(2-ethylhexyl)phthalate	19.26	149	192082	44.489 ng		99
85) Di-n-octyl phthalate	20.04	149	310825	43.436 ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	289499	46.887 ng		98
88) Benzo(b)fluoranthene	20.51	252	269921	49.874 ng		99
89) Benzo(k)fluoranthene	20.54	252	261056	50.637 ng		99
90) Benzo(a)pyrene	20.92	252	241851	49.055 ng		99
91) Dibenzo(a,h)anthracene	22.65	278	247965	51.440 ng		99
92) Benzo(g,h,i)perylene	23.12	276	241683	52.469 ng		98

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

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