Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001433.D
Acq On : 26 Dec 2019 20:55
Operator : JU
Sample : K6118-13MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-01-122319MSD

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:28 PM

Quant Time: Dec 27 09:55:28 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	28357	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	101833	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	61247	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	124208	20.00	ng		0.00
76) Chrysene-d12	19.23	240	94621	20.00	ng		0.00
87) Perylene-d12	20.99	264	96683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	222709	126.93	ng		0.03
7) Phenol-d6	7.76	99	290626	126.94	ng		0.01
23) Nitrobenzene-d5	9.17	82	203561	76.76	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	99871	130.43	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	405783	83.78	ng		0.00
79) Terphenyl-d14	17.87	244	496335	89.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	25549	35.383	ng	#	73
3) Pyridine	3.52	79	46282	23.463	ng		99
4) n-Nitrosodimethylamine	3.40	42	53183	42.580	ng		96
6) Aniline	7.77	93	16917	5.870	ng	#	1
8) 2-Chlorophenol	7.96	128	79040	44.809	ng		94
9) Benzaldehyde	7.59	77	17780	11.071	ng		93
10) Phenol	7.78	94	99722	38.121	ng	#	75
11) bis(2-Chloroethyl)ether	7.89	93	75101	40.581	ng		98
12) 1,3-Dichlorobenzene	8.19	146	82739	37.658	ng		98
13) 1,4-Dichlorobenzene	8.31	146	87061	38.893	ng		98
14) 1,2-Dichlorobenzene	8.55	146	84567	39.656	ng		97
15) Benzyl Alcohol	8.53	79	88961	41.411	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	97383	33.226	ng		85
17) 2-Methylphenol	8.73	107	69678	44.702	ng		93
18) Hexachloroethane	9.09	117	33489	35.168	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	64527	39.701	ng		98
20) 3+4-Methylphenols	8.98	107	89415	43.229	ng		99
22) Acetophenone	8.93	105	126453	39.268	ng	#	99
24) Nitrobenzene	9.20	77	102822	39.396	ng		98
25) Isophorone	9.60	82	171191	40.149	ng		99
26) 2-Nitrophenol	9.71	139	42935	46.133	ng		98
27) 2,4-Dimethylphenol	9.82	122	67752	49.496	ng		94
28) bis(2-Chloroethoxy)methane	9.96	93	94123	36.959	ng		99
29) 2,4-Dichlorophenol	10.12	162	75117	44.319	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	83120	39.869	ng		97
31) Naphthalene	10.36	128	228056	41.027	ng		100
32) Benzoic acid	10.02	122	45218m	41.605	ng		
33) 4-Chloroaniline	10.46	127	9922	4.365	ng		96
34) Hexachlorobutadiene	10.57	225	52564	36.148	ng		94
35) Caprolactam	11.03	113	20785m	41.212	ng		
36) 4-Chloro-3-methylphenol	11.29	107	80099	40.440	ng		98
37) 2-Methylnaphthalene	11.49	142	169324	44.123	ng		98
38) 1-Methylnaphthalene	11.65	142	157689	43.707	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	94221	41.606	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	88734	79.222	ng		97
43) 2,4,6-Trichlorophenol	11.96	196	58807	42.224	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	63255	44.204	ng		98
46) 1,1'-Biphenyl	12.26	154	215950	42.134	ng		99
47) 2-Chloronaphthalene	12.28	162	168672	40.709	ng		97
48) 2-Nitroaniline	12.45	65	58903	35.502	ng		99
49) Acenaphthylene	12.95	152	257061	42.441	ng		99
50) Dimethylphthalate	12.78	163	205294	40.857	ng		99
51) 2,6-Dinitrotoluene	12.86	165	41606	40.780	ng		88
52) Acenaphthene	13.24	154	150748	41.308	ng		97
53) 3-Nitroaniline	13.12	138	13514	12.341	ng		97
54) 2,4-Dinitrophenol	13.31	184	37519	95.234	ng		99
55) Dibenzofuran	13.52	168	244110	42.693	ng		99
56) 4-Nitrophenol	13.45	139	55580	70.979	ng		93
57) 2,4-Dinitrotoluene	13.52	165	57892	40.825	ng	#	95
58) Fluorene	14.09	166	191317	41.833	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.74	232	50567m	41.160	ng		
60) Diethylphthalate	13.95	149	192889	37.219	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	99959	41.579	ng		99
62) 4-Nitroaniline	12.45	138	48341	38.120	ng		93
63) Azobenzene	14.36	77	203746	37.343	ng		96
65) 4,6-Dinitro-2-methylphenol	14.19	198	28054	50.432	ng		95
66) n-Nitrosodiphenylamine	14.30	169	157206	39.923	ng		100
67) 4-Bromophenyl-phenylether	14.90	248	58772	40.021	ng		91
68) Hexachlorobenzene	14.99	284	65694	39.295	ng		98
69) Atrazine	15.19	200	49961	35.322	ng		96
70) Pentachlorophenol	15.31	266	68634	80.055	ng		92
71) Phenanthrene	15.62	178	285595	40.302	ng		100
72) Anthracene	15.70	178	290951	41.475	ng		98
73) Carbazole	15.95	167	244528	39.097	ng		99
74) Di-n-butylphthalate	16.50	149	307120	35.783	ng		99
75) Fluoranthene	17.33	202	312323	39.415	ng		98
77) Benzidine	17.52	184	85472	31.025	ng		99
78) Pyrene	17.64	202	318618	43.369	ng		99
80) Butylbenzylphthalate	18.52	149	126701	36.992	ng		90
81) Benzo(a)anthracene	19.22	228	281236	40.789	ng		100
82) 3,3'-Dichlorobenzidine	19.18	252	63019	26.322	ng	#	99
83) Chrysene	19.26	228	272626	40.965	ng		99
84) Bis(2-ethylhexyl)phthalate	19.26	149	182615	36.334	ng		99
85) Di-n-octyl phthalate	20.05	149	303496	36.434	ng		98
86) Indeno(1,2,3-cd)pyrene	22.63	276	287978	40.066	ng		100
88) Benzo(b)fluoranthene	20.51	252	258119	40.652	ng		100
89) Benzo(k)fluoranthene	20.55	252	257298	42.540	ng	#	99
90) Benzo(a)pyrene	20.93	252	231561	40.033	ng		99
91) Dibenzo(a,h)anthracene	22.65	278	245671	43.440	ng		99
92) Benzo(g,h,i)perylene	23.11	276	232941	43.105	ng		98

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

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