Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001395.D
Acq On : 24 Dec 2019 19:34
Operator : JU
Sample : K6372-14MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-3MSD

Manual Integrations APPROVED
mohammad
12/26/2019 4:01:34 PM

Quant Time: Dec 25 04:58:02 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	50293	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	182584	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	106099	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	197198	20.00	ng		0.00
76) Chrysene-d12	19.23	240	141079	20.00	ng		0.00
87) Perylene-d12	21.00	264	138660	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	185482	59.61	ng		0.00
7) Phenol-d6	7.76	99	154400	38.02	ng		0.00
23) Nitrobenzene-d5	9.19	82	407950	85.80	ng		0.01
42) 2,4,6-Tribromophenol	14.49	330	190319	143.48	ng		0.01
45) 2-Fluorobiphenyl	12.10	172	789921	94.14	ng		0.00
79) Terphenyl-d14	17.87	244	843376	102.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	20332	15.876	ng		95
3) Pyridine	3.42	79	35620	10.182	ng		94
4) n-Nitrosodimethylamine	3.31	42	47824	21.589	ng	#	97
6) Aniline	7.77	93	76450	14.956	ng		87
8) 2-Chlorophenol	7.96	128	126108	40.310	ng		98
9) Benzaldehyde	7.59	77	164798	57.856	ng		97
10) Phenol	7.78	94	72637	15.656	ng		98
11) bis(2-Chloroethyl)ether	7.90	93	151105	46.037	ng		98
12) 1,3-Dichlorobenzene	8.19	146	152483	39.131	ng		99
13) 1,4-Dichlorobenzene	8.32	146	156084	39.315	ng		99
14) 1,2-Dichlorobenzene	8.56	146	155449	41.101	ng		95
15) Benzyl Alcohol	8.53	79	123336	32.371	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.76	45	212779	40.933	ng		99
17) 2-Methylphenol	8.73	107	89928	32.530	ng		96
18) Hexachloroethane	9.09	117	70612	41.810	ng	#	15
19) n-Nitroso-di-n-propylamine	8.97	70	136892	47.489	ng		99
20) 3+4-Methylphenols	8.98	107	107309	29.252	ng		98
22) Acetophenone	8.94	105	360485	62.435	ng	#	94
24) Nitrobenzene	9.21	77	225387	48.163	ng		97
25) Isophorone	9.60	82	355623	46.516	ng		98
26) 2-Nitrophenol	9.72	139	79810	47.828	ng		95
27) 2,4-Dimethylphenol	9.82	122	126217	51.427	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	201103	44.042	ng		98
29) 2,4-Dichlorophenol	10.12	162	137322	45.188	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	153104	40.959	ng		98
31) Naphthalene	10.37	128	1010004	101.338	ng		100
32) Benzoic acid	9.99	122	15262	11.909	ng	#	1
33) 4-Chloroaniline	10.45	127	30022	7.366	ng	#	91
34) Hexachlorobutadiene	10.58	225	98490	37.776	ng		94
36) 4-Chloro-3-methylphenol	11.28	107	141601	39.873	ng		98
37) 2-Methylnaphthalene	11.49	142	355858	51.718	ng		98
38) 1-Methylnaphthalene	11.65	142	411569m	63.624	ng		
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	179351	45.718	ng	#	97
41) Hexachlorocyclopentadiene	11.76	237	162045	83.516	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	11.96	196	114537	47.474	ng		97
44) 2,4,5-Trichlorophenol	12.02	196	116609	47.041	ng		94
46) 1,1'-Biphenyl	12.26	154	419918	47.295	ng		99
47) 2-Chloronaphthalene	12.28	162	323276	45.039	ng		99
48) 2-Nitroaniline	12.46	65	115627	40.230	ng		98
49) Acenaphthylene	12.96	152	484405	46.167	ng		99
50) Dimethylphthalate	12.79	163	405421	46.577	ng		98
51) 2,6-Dinitrotoluene	12.87	165	82599	46.734	ng	#	80
52) Acenaphthene	13.25	154	290208	45.906	ng		99
53) 3-Nitroaniline	13.13	138	15430	8.134	ng		94
54) 2,4-Dinitrophenol	13.31	184	54799	80.295	ng		85
55) Dibenzofuran	13.53	168	475793	48.035	ng		100
56) 4-Nitrophenol	13.45	139	43857	32.332	ng		88
57) 2,4-Dinitrotoluene	13.53	165	112406	45.758	ng	#	90
58) Fluorene	14.09	166	380456	48.023	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.74	232	98153	46.119	ng	#	91
60) Diethylphthalate	13.95	149	400208	44.578	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	199649	47.940	ng		97
62) 4-Nitroaniline	12.46	138	91505	41.654	ng		89
63) Azobenzene	14.36	77	424280	44.890	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	48347	54.742	ng		79
66) n-Nitrosodiphenylamine	14.30	169	316449	50.618	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	115514	49.545	ng		94
68) Hexachlorobenzene	14.99	284	126486	47.655	ng		94
69) Atrazine	15.20	200	102301	45.556	ng		98
70) Pentachlorophenol	15.31	266	138008	101.391	ng		96
71) Phenanthrene	15.62	178	530360	47.140	ng		99
72) Anthracene	15.70	178	545107	48.943	ng		99
73) Carbazole	15.95	167	465236	46.853	ng		99
74) Di-n-butylphthalate	16.50	149	627108	46.021	ng		100
75) Fluoranthene	17.33	202	553100	43.966	ng		100
77) Benzidine	17.52	184	57074	13.895	ng		99
78) Pyrene	17.64	202	547119	49.947	ng		100
80) Butylbenzylphthalate	18.52	149	241778	47.345	ng		90
81) Benzo(a)anthracene	19.22	228	479514	46.645	ng		99
82) 3,3'-Dichlorobenzidine	19.19	252	83979	23.525	ng		100
83) Chrysene	19.27	228	467775	47.142	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	378742	50.542	ng		99
85) Di-n-octyl phthalate	20.05	149	599947	48.304	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	460540	42.975	ng		97
88) Benzo(b)fluoranthene	20.52	252	443623	48.716	ng		99
89) Benzo(k)fluoranthene	20.55	252	409028	47.153	ng	#	98
90) Benzo(a)pyrene	20.93	252	379844	45.789	ng	#	99
91) Dibenzo(a,h)anthracene	22.66	278	390651	48.164	ng		97
92) Benzo(g,h,i)perylene	23.12	276	375566	48.458	ng		98

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

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