Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112981.D
Acq On : 12 Mar 2019 3:54
Operator : JU/SJ
Sample : K1817-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619MS

Manual Integrations APPROVED
Sohil
3/12/2019 4:29:10 PM

Quant Time: Mar 12 07:40:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133215	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	517567	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	274711	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	564661	20.00	ng		0.00
76) Chrysene-d12	13.87	240	390976	20.00	ng		0.00
87) Perylene-d12	15.27	264	327065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	513993	60.02	ng		0.00
7) Phenol-d6	6.37	99	676544	62.89	ng		0.00
23) Nitrobenzene-d5	7.29	82	401931	46.47	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	232813	79.83	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	834148	44.25	ng		-0.01
79) Terphenyl-d14	12.82	244	925614	45.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	70781	16.488	ng		97
3) Pyridine	3.14	79	103601	9.021	ng		94
4) n-Nitrosodimethylamine	3.02	42	77758	15.477	ng		95
6) Aniline	6.39	93	160778	10.858	ng	#	84
8) 2-Chlorophenol	6.52	128	183633	19.263	ng		93
9) Benzaldehyde	6.27	77	89673	11.569	ng		100
10) Phenol	6.38	94	243582	19.404	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	171828	17.833	ng		94
12) 1,3-Dichlorobenzene	6.67	146	198673	20.174	ng		99
13) 1,4-Dichlorobenzene	6.75	146	201720	20.425	ng		98
14) 1,2-Dichlorobenzene	6.90	146	192775	21.293	ng		98
15) Benzyl Alcohol	6.87	79	155666	18.977	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	280306	17.432	ng		98
17) 2-Methylphenol	6.99	107	147410	19.061	ng		97
18) Hexachloroethane	7.25	117	64689	17.099	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	125320	18.394	ng		99
20) 3+4-Methylphenols	7.15	107	185558	21.252	ng	#	73
22) Acetophenone	7.13	105	247874	20.482	ng	#	92
24) Nitrobenzene	7.30	77	190348	19.773	ng		96
25) Isophorone	7.55	82	350360	18.802	ng		98
26) 2-Nitrophenol	7.63	139	87308	21.786	ng		99
27) 2,4-Dimethylphenol	7.67	122	152889	20.507	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	217426	18.663	ng		99
29) 2,4-Dichlorophenol	7.87	162	159919	22.119	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	166859	21.479	ng		96
31) Naphthalene	8.03	128	552999	21.521	ng		98
32) Benzoic acid	7.76	122	83643	16.007	ng		93
33) 4-Chloroaniline	8.08	127	142312	13.076	ng		98
34) Hexachlorobutadiene	8.16	225	98221	22.419	ng		98
35) Caprolactam	8.43	113	51918	20.389	ng		97
36) 4-Chloro-3-methylphenol	8.57	107	170952	21.366	ng		97
37) 2-Methylnaphthalene	8.73	142	383754	23.126	ng		98
38) 1-Methylnaphthalene	8.82	142	361953	22.517	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	177417	22.147	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	46050	10.498	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	119247	21.629	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	134939	22.644	ng		98
46) 1,1'-Biphenyl	9.19	154	477137	21.294	ng		98
47) 2-Chloronaphthalene	9.21	162	365983	20.918	ng		98
48) 2-Nitroaniline	9.30	65	116595	21.924	ng		92
49) Acenaphthylene	9.62	152	612281	20.614	ng		98
50) Dimethylphthalate	9.49	163	482938	23.842	ng		99
51) 2,6-Dinitrotoluene	9.55	165	92029	21.818	ng	#	81
52) Acenaphthene	9.80	154	361078	20.788	ng		99
53) 3-Nitroaniline	9.71	138	98714	19.206	ng		98
54) 2,4-Dinitrophenol	9.82	184	13374	13.579	ng		96
55) Dibenzofuran	9.97	168	552556	21.888	ng		95
56) 4-Nitrophenol	9.87	139	165691	39.665	ng		93
57) 2,4-Dinitrotoluene	9.95	165	126734	24.171	ng		88
58) Fluorene	10.31	166	418691	23.367	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	116331	23.431	ng		94
60) Diethylphthalate	10.19	149	443247	20.719	ng		97
61) 4-Chlorophenyl-phenylether	10.30	204	207167	24.850	ng		89
62) 4-Nitroaniline	10.32	138	104246	21.949	ng		93
63) Azobenzene	10.46	77	429073	19.581	ng		93
65) 4,6-Dinitro-2-methylphenol	10.36	198	11335	9.029	ng		78
66) n-Nitrosodiphenylamine	10.42	169	382336	21.113	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	132756	22.321	ng		97
68) Hexachlorobenzene	10.86	284	152749	22.783	ng		95
69) Atrazine	10.95	200	120808	21.782	ng		97
70) Pentachlorophenol	11.05	266	140360	35.570	ng		98
71) Phenanthrene	11.26	178	620982	22.104	ng		98
72) Anthracene	11.32	178	652849	22.199	ng		98
73) Carbazole	11.47	167	592349	20.648	ng		98
74) Di-n-butylphthalate	11.80	149	765546	22.255	ng		100
75) Fluoranthene	12.45	202	619988	20.598	ng		97
77) Benzidine	12.57	184	213860	10.543	ng		100
78) Pyrene	12.67	202	609217	18.483	ng		99
80) Butylbenzylphthalate	13.29	149	289488	19.898	ng		95
81) Benzo(a)anthracene	13.86	228	484082	17.865	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	191197	18.656	ng	#	98
83) Chrysene	13.89	228	509273	19.187	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	390230	22.867	ng		99
85) Di-n-octyl phthalate	14.46	149	666763	22.754	ng		96
86) Indeno(1,2,3-cd)pyrene	16.63	276	347807	15.370	ng		95
88) Benzo(b)fluoranthene	14.87	252	458916m	21.693	ng		
89) Benzo(k)fluoranthene	14.90	252	431972	22.542	ng		97
90) Benzo(a)pyrene	15.21	252	391797	20.938	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	304609	19.077	ng		97
92) Benzo(g,h,i)perylene	17.04	276	278902	17.395	ng		96

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

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