Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF021419\
Data File : BF112574.D
Acq On : 14 Feb 2019 18:08
Operator : JU/SJ
Sample : K1457-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MS

Manual Integrations APPROVED
Sohil
2/15/2019 4:53:17 PM

Quant Time: Feb 20 06:22:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95752	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	352544	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	161980	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	291407	20.00	ng		0.00
76) Chrysene-d12	14.05	240	170157	20.00	ng		0.04
87) Perylene-d12	15.56	264	138123	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	614073	136.22	ng		0.00
7) Phenol-d6	6.49	99	772798	123.37	ng		0.00
23) Nitrobenzene-d5	7.40	82	481093	78.63	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	216201	114.67	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	878112	76.67	ng		-0.01
79) Terphenyl-d14	12.96	244	748938	82.90	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	66512	37.038	ng		96
3) Pyridine	3.36	79	169933	37.200	ng		94
4) n-Nitrosodimethylamine	3.29	42	98463	51.304	ng		88
6) Aniline	6.50	93	99846	13.399	ng	#	1
8) 2-Chlorophenol	6.63	128	241820	39.876	ng		96
9) Benzaldehyde	6.39	77	95668	29.220	ng		95
10) Phenol	6.50	94	309038	44.968	ng		84
11) bis(2-Chloroethyl)ether	6.57	93	212953	39.359	ng		96
12) 1,3-Dichlorobenzene	6.77	146	260895	36.941	ng		97
13) 1,4-Dichlorobenzene	6.85	146	270904	37.271	ng		97
14) 1,2-Dichlorobenzene	7.00	146	250717	36.841	ng		95
15) Benzyl Alcohol	6.98	79	201561	38.171	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	256983	36.993	ng	#	6
17) 2-Methylphenol	7.10	107	185574	38.602	ng	#	84
18) Hexachloroethane	7.34	117	75380	29.533	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	175846	40.711	ng		98
20) 3+4-Methylphenols	7.26	107	254324	41.371	ng	#	61
22) Acetophenone	7.25	105	341354	39.764	ng	#	92
24) Nitrobenzene	7.42	77	236056	38.631	ng		94
25) Isophorone	7.66	82	454883	47.391	ng	#	96
26) 2-Nitrophenol	7.74	139	96223	29.466	ng	#	88
27) 2,4-Dimethylphenol	7.78	122	204151	45.375	ng		90
28) bis(2-Chloroethoxy)methane	7.86	93	268450	41.074	ng		95
29) 2,4-Dichlorophenol	8.00	162	186513	37.044	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	210631	36.394	ng		99
31) Naphthalene	8.14	128	683033	41.430	ng		99
33) 4-Chloroaniline	8.20	127	76153	10.608	ng	#	91
34) Hexachlorobutadiene	8.25	225	125259	36.882	ng		97
35) Caprolactam	8.57	113	37124m	20.901	ng		
36) 4-Chloro-3-methylphenol	8.69	107	191389	35.907	ng		97
37) 2-Methylnaphthalene	8.83	142	465415	41.237	ng		98
38) 1-Methylnaphthalene	8.93	142	432894	40.017	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	201869	37.957	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	134335	40.977	ng		98

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44) 2,4,5-Trichlorophenol	9.17	196	132108	38.558	ng	#	93
46) 1,1'-Biphenyl	9.29	154	545504	38.522	ng		99
47) 2-Chloronaphthalene	9.32	162	408102	37.163	ng		95
48) 2-Nitroaniline	9.42	65	129523	43.274	ng		86
49) Acenaphthylene	9.74	152	652765	40.556	ng		98
50) Dimethylphthalate	9.59	163	604484	48.032	ng		98
51) 2,6-Dinitrotoluene	9.66	165	97955	34.754	ng	#	84
52) Acenaphthene	9.91	154	371954	38.685	ng		99
53) 3-Nitroaniline	9.83	138	74434	24.376	ng		90
55) Dibenzofuran	10.08	168	550902	37.494	ng		92
56) 4-Nitrophenol	10.03	139	92809	57.489	ng	#	84
57) 2,4-Dinitrotoluene	10.07	165	122201	34.056	ng	#	69
58) Fluorene	10.43	166	450079	40.934	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	106234	41.029	ng	#	95
60) Diethylphthalate	10.29	149	510084	40.842	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	215330	36.002	ng		91
62) 4-Nitroaniline	10.45	138	97448	32.536	ng		92
63) Azobenzene	10.57	77	406463	37.005	ng		96
66) n-Nitrosodiphenylamine	10.53	169	398512	40.577	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	127254	37.129	ng	#	91
68) Hexachlorobenzene	10.99	284	133623	36.339	ng		96
69) Atrazine	11.07	200	135354	42.712	ng		97
70) Pentachlorophenol	11.19	266	101256	70.769	ng		98
71) Phenanthrene	11.39	178	620345	40.947	ng		98
72) Anthracene	11.45	178	627799	41.600	ng		100
73) Carbazole	11.60	167	557626	37.459	ng		98
74) Di-n-butylphthalate	11.92	149	739058	39.998	ng		99
75) Fluoranthene	12.59	202	648230	39.893	ng		99
78) Pyrene	12.83	202	698811	59.318	ng		99
80) Butylbenzylphthalate	13.43	149	252214	44.250	ng	#	84
81) Benzo(a)anthracene	14.04	228	433248	43.313	ng	#	94
82) 3,3'-Dichlorobenzidine	13.99	252	26327	7.033	ng	#	72
83) Chrysene	14.07	228	408190	42.751	ng		96
84) Bis(2-ethylhexyl)phthalate	14.00	149	331153	40.930	ng	#	96
85) Di-n-octyl phthalate	14.61	149	474271	38.101	ng	#	91
86) Indeno(1,2,3-cd)pyrene	17.09	276	354787	46.894	ng		97
88) Benzo(b)fluoranthene	15.12	252	378642m	45.838	ng		
89) Benzo(k)fluoranthene	15.14	252	297106	37.550	ng	#	72
90) Benzo(a)pyrene	15.50	252	306199	41.197	ng	#	72
91) Dibenzo(a,h)anthracene	17.08	278	284061	47.420	ng	#	93
92) Benzo(g,h,i)perylene	17.54	276	296692	52.497	ng		99

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

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