Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114075.D
Acq On : 1 May 2019 18:13
Operator : JU/SJ
Sample : K2191-01MSRE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-66-TPMSRE

Quant Time: May 02 01:02:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	83623	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	302667	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	157760	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	292239	20.00	ng		0.00
76) Chrysene-d12	14.07	240	231245	20.00	ng		0.00
87) Perylene-d12	15.56	264	190969	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	551306	112.76	ng		0.00
7) Phenol-d6	6.53	99	722980	117.86	ng		0.01
23) Nitrobenzene-d5	7.46	82	405269	82.67	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	216835	112.83	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	849797	84.25	ng		0.00
79) Terphenyl-d14	13.00	244	900054	79.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	80069	34.741	ng		98
3) Pyridine	3.45	79	207328	32.957	ng		97
4) n-Nitrosodimethylamine	3.38	42	84001	39.007	ng	#	96
6) Aniline	6.56	93	135125	16.042	ng		96
8) 2-Chlorophenol	6.69	128	233234	41.783	ng		97
9) Benzaldehyde	6.44	77	46560	8.802	ng		96
10) Phenol	6.55	94	270195	36.836	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	218453	39.577	ng		97
12) 1,3-Dichlorobenzene	6.84	146	241899	38.263	ng		98
13) 1,4-Dichlorobenzene	6.92	146	237768	37.392	ng		99
14) 1,2-Dichlorobenzene	7.07	146	223069	38.171	ng		98
15) Benzyl Alcohol	7.03	79	180482	43.686	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	223103	34.625	ng		93
17) 2-Methylphenol	7.15	107	173272	35.412	ng		98
18) Hexachloroethane	7.41	117	52294	23.460	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	145685	36.674	ng		98
20) 3+4-Methylphenols	7.30	107	215904	39.055	ng	#	68
22) Acetophenone	7.30	105	296031	43.952	ng	#	93
24) Nitrobenzene	7.47	77	221621	40.916	ng		99
25) Isophorone	7.72	82	404933	40.371	ng		100
26) 2-Nitrophenol	7.79	139	94119	38.089	ng		96
27) 2,4-Dimethylphenol	7.83	122	186483	46.320	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	261720	40.948	ng		99
29) 2,4-Dichlorophenol	8.04	162	195801	42.530	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	205862	40.103	ng		98
31) Naphthalene	8.20	128	610558	42.464	ng		99
32) Benzoic acid	7.94	122	73726	27.117	ng		98
33) 4-Chloroaniline	8.25	127	83948	13.798	ng		97
34) Hexachlorobutadiene	8.32	225	121120	37.850	ng		98
35) Caprolactam	8.61	113	62593	42.740	ng		89
36) 4-Chloro-3-methylphenol	8.73	107	206824	45.345	ng		100
37) 2-Methylnaphthalene	8.89	142	455385	46.967	ng		99
38) 1-Methylnaphthalene	8.99	142	425150	45.431	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	227090	44.314	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8859	3.100	ng		95
43) 2,4,6-Trichlorophenol	9.17	196	153027	47.026	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	160698	44.028	ng		97
46) 1,1'-Biphenyl	9.36	154	511002	42.401	ng		98
47) 2-Chloronaphthalene	9.38	162	404135	41.236	ng		97
48) 2-Nitroaniline	9.47	65	122940	47.851	ng		89
49) Acenaphthylene	9.80	152	605990	39.496	ng		97
50) Dimethylphthalate	9.65	163	581726	50.986	ng		100
51) 2,6-Dinitrotoluene	9.72	165	96671	39.494	ng		95
52) Acenaphthene	9.97	154	349807	38.578	ng		98
53) 3-Nitroaniline	9.88	138	79472	30.897	ng		98
54) 2,4-Dinitrophenol	9.99	184	5740	13.175	ng	#	7
55) Dibenzofuran	10.14	168	557009	41.009	ng		98
56) 4-Nitrophenol	10.05	139	163308	80.188	ng		95
57) 2,4-Dinitrotoluene	10.12	165	118052	38.209	ng		97
58) Fluorene	10.49	166	416051	40.686	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	128261	39.988	ng		99
60) Diethylphthalate	10.35	149	470307	43.408	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	225688	41.674	ng		98
62) 4-Nitroaniline	10.49	138	109592	43.661	ng		99
63) Azobenzene	10.63	77	393550	37.478	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	6069	11.149	ng		77
66) n-Nitrosodiphenylamine	10.59	169	387162	44.153	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	142521	40.370	ng		98
68) Hexachlorobenzene	11.04	284	150189	38.713	ng		99
69) Atrazine	11.12	200	120496	42.242	ng		100
70) Pentachlorophenol	11.23	266	155001	70.566	ng		97
71) Phenanthrene	11.45	178	608437	41.428	ng		98
72) Anthracene	11.50	178	672652	45.354	ng		98
73) Carbazole	11.65	167	639877	48.360	ng		99
74) Di-n-butylphthalate	11.98	149	799427	51.362	ng		98
75) Fluoranthene	12.65	202	663478	41.407	ng		98
77) Benzidine	12.75	184	111866	16.236	ng		98
78) Pyrene	12.87	202	663785	41.047	ng		98
80) Butylbenzylphthalate	13.47	149	291297	45.783	ng		96
81) Benzo(a)anthracene	14.06	228	576299	42.299	ng		98
82) 3,3'-Dichlorobenzidine	14.01	252	153891	30.816	ng		98
83) Chrysene	14.09	228	557827	42.040	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	442859	54.707	ng		99
85) Di-n-octyl phthalate	14.66	149	798959	63.055	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	433330	34.477	ng		98
88) Benzo(b)fluoranthene	15.12	252	550312	45.546	ng		99
89) Benzo(k)fluoranthene	15.15	252	446040	42.917	ng		99
90) Benzo(a)pyrene	15.50	252	420507	40.237	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	377253	38.455	ng		99
92) Benzo(g,h,i)perylene	17.52	276	348829	35.234	ng		99

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

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