Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107314.D
Acq On : 11 Jul 2018 21:33
Operator : JU/SJ
Sample : J3933-12MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-12-W1MS

Manual Integrations APPROVED

Quant Time: Jul 12 03:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Sohil

7/12/2018 2:19:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72179	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	255049	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	112683	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	208061	20.00	ng		0.00
75) Chrysene-d12	14.15	240	158794	20.00	ng		0.01
86) Perylene-d12	15.69	264	131886	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	416805	97.78	ng		0.02
7) Phenol-d6	6.60	99	507838	95.40	ng		0.02
23) Nitrobenzene-d5	7.51	82	322210	70.21	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	126789	97.08	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	531567	78.77	ng		0.00
78) Terphenyl-d14	13.07	244	578989	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	54915	25.059	ng		96
3) Pyridine	3.59	79	159111	26.771	ng		97
4) n-Nitrosodimethylamine	3.55	42	70148	27.789	ng		84
6) Aniline	6.61	93	72508	10.042	ng	#	1
8) 2-Chlorophenol	6.73	128	147606	31.572	ng		98
9) Benzaldehyde	6.49	77	99217	24.663	ng		99
10) Phenol	6.61	94	202901	33.400	ng		93
11) bis(2-Chloroethyl)ether	6.67	93	157446	31.394	ng		98
12) 1,3-Dichlorobenzene	6.88	146	175262	32.007	ng		97
13) 1,4-Dichlorobenzene	6.95	146	176348	31.855	ng		97
14) 1,2-Dichlorobenzene	7.11	146	160791	31.692	ng		97
15) Benzyl Alcohol	7.08	79	117876	27.578	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	214185	32.550	ng	#	27
17) 2-Methylphenol	7.21	107	123057	30.757	ng	#	87
18) Hexachloroethane	7.44	117	42687	21.927	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	108993	31.062	ng		92
20) 3+4-Methylphenols	7.36	107	174159	38.802	ng		94
22) Acetophenone	7.34	105	213437	37.405	ng	#	97
24) Nitrobenzene	7.52	77	157846	33.688	ng		100
25) Isophorone	7.76	82	286939	35.481	ng		99
26) 2-Nitrophenol	7.84	139	53110	24.011	ng		99
27) 2,4-Dimethylphenol	7.88	122	128771	37.665	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	185131	34.095	ng	#	86
29) 2,4-Dichlorophenol	8.10	162	128413	35.876	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	143292	36.340	ng		96
31) Naphthalene	8.24	128	477894	40.077	ng		99
32) Benzoic acid	7.98	122	6412m	8.002	ng		
33) 4-Chloroaniline	8.30	127	39287	7.852	ng		97
34) Hexachlorobutadiene	8.34	225	97040	37.769	ng		98
35) Caprolactam	8.67	113	36096m	30.937	ng		
36) 4-Chloro-3-methylphenol	8.80	107	118479	31.448	ng		99
37) 2-Methylnaphthalene	8.94	142	296297	37.488	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	145279	38.284	ng	#	96
42) 2,4,6-Trichlorophenol	9.22	196	80111	31.759	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	74366	28.253	ng	#	86
45) 1,1'-Biphenyl	9.40	154	335914	37.406	ng		97
46) 2-Chloronaphthalene	9.43	162	233983	33.101	ng		95
47) 2-Nitroaniline	9.54	65	79185	33.313	ng		96
48) Acenaphthylene	9.85	152	422225	37.833	ng		99
49) Dimethylphthalate	9.70	163	388376	45.954	ng		97
50) 2,6-Dinitrotoluene	9.77	165	50117	28.005	ng		95
51) Acenaphthene	10.02	154	245865	34.985	ng		98
52) 3-Nitroaniline	9.95	138	60534	29.395	ng		99
53) 2,4-Dinitrophenol	10.09	184	119	5.472	ng	#	28
54) Dibenzofuran	10.19	168	346903	36.049	ng		97
55) 4-Nitrophenol	10.14	139	48921	34.033	ng		93
56) 2,4-Dinitrotoluene	10.19	165	53778	23.022	ng	#	93
57) Fluorene	10.54	166	273241	35.782	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	63359	30.282	ng	#	76
59) Diethylphthalate	10.40	149	261051	32.003	ng	#	95
60) 4-Chlorophenyl-phenylether	10.52	204	134664	33.704	ng	#	87
61) 4-Nitroaniline	10.57	138	61725	30.201	ng		93
62) Azobenzene	10.68	77	224967	28.007	ng		92
65) n-Nitrosodiphenylamine	10.64	169	213437	30.499	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	86561	34.860	ng	#	82
67) Hexachlorobenzene	11.09	284	87534	33.681	ng	#	87
68) Atrazine	11.17	200	64966	29.202	ng		95
69) Pentachlorophenol	11.30	266	39929	30.792	ng		97
70) Phenanthrene	11.51	178	772012	76.930	ng		99
71) Anthracene	11.57	178	454639	44.385	ng		100
72) Carbazole	11.72	167	362026	37.751	ng		98
73) Di-n-butylphthalate	12.02	149	366369	32.428	ng		98
74) Fluoranthene	12.72	202	1280494	115.769	ng		95
76) Benzidine	12.83	184	83648	18.496	ng		96
77) Pyrene	12.95	202	1194305	114.054	ng		99
79) Butylbenzylphthalate	13.54	149	159416	37.028	ng	#	94
80) Benzo(a)anthracene	14.14	228	828015	85.556	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	71722	21.086	ng	#	96
82) Chrysene	14.18	228	696050	78.175	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	243583	44.254	ng	#	95
84) Di-n-octyl phthalate	14.71	149	363667	40.533	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.31	276	478522	63.330	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	790655	96.507	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	365486m	46.846	ng		
89) Benzo(a)pyrene	15.64	252	577071m	79.234	ng		
90) Dibenzo(a,h)anthracene	17.31	278	255686	41.424	ng	#	93
91) Benzo(g,h,i)perylene	17.79	276	439932	72.921	ng	#	90

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

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