Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121215.D
Acq On : 6 Aug 2020 21:43
Operator : JU/CG
Sample : L3568-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8/5-A-EMSD

Manual Integrations APPROVED
mohammad
8/7/2020 1:51:11 PM

Quant Time: Aug 07 05:20:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139610	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	534161	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	275022	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	517291	20.00	ng	0.00
76) Chrysene-d12	13.96	240	326926	20.00	ng	0.00
86) Perylene-d12	15.41	264	348431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	603618	70.88	ng	0.00
7) Phenol-d6	6.43	99	728469	66.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	480649	52.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	217067	72.11	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	890559	48.35	ng	0.00
79) Terphenyl-d14	12.90	244	831935	55.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	149785	38.216	ng	100
3) Pyridine	3.27	79	321940	30.878	ng	98
4) n-Nitrosodimethylamine	3.22	42	174617	39.166	ng	98
6) Aniline	6.46	93	347643	24.210	ng	95
8) 2-Chlorophenol	6.58	128	383842	40.914	ng	99
9) Benzaldehyde	6.35	77	247986	49.530	ng	98
10) Phenol	6.45	94	461403	38.129	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	361085	38.935	ng	98
12) 1,3-Dichlorobenzene	6.73	146	390212	38.358	ng	100
13) 1,4-Dichlorobenzene	6.81	146	399963	39.539	ng	99
14) 1,2-Dichlorobenzene	6.96	146	381205	39.834	ng	99
15) Benzyl Alcohol	6.94	79	306043	39.339	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	502525	37.594	ng	91
17) 2-Methylphenol	7.06	107	302428	36.370	ng	99
18) Hexachloroethane	7.30	117	137510	37.558	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	232392	37.151	ng	95
20) 3+4-Methylphenols	7.21	107	359231	33.961	ng	96
22) Acetophenone	7.20	105	482733	40.267	ng	96
24) Nitrobenzene	7.38	77	383164	38.510	ng	97
25) Isophorone	7.62	82	688235	37.355	ng	96
26) 2-Nitrophenol	7.69	139	202975	42.954	ng	96
27) 2,4-Dimethylphenol	7.74	122	331691	43.233	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	443697	39.453	ng	99
29) 2,4-Dichlorophenol	7.94	162	313596	40.000	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	340958	39.199	ng	98
31) Naphthalene	8.10	128	1041779	38.021	ng	100
32) Benzoic acid	7.88	122	224318	38.949	ng	97
33) 4-Chloroaniline	8.15	127	202698	16.583	ng	98
34) Hexachlorobutadiene	8.22	225	193680	37.772	ng	99
35) Caprolactam	8.53	113	101236m	40.267	ng	
36) 4-Chloro-3-methylphenol	8.65	107	324193	40.320	ng	100
37) 2-Methylnaphthalene	8.79	142	715426	40.213	ng	99
38) 1-Methylnaphthalene	8.89	142	665376	39.489	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	333661	41.640	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	137978	31.156	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	225040	39.888	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	245156	38.307	ng		99
46) 1,1'-Biphenyl	9.26	154	856020	40.804	ng		99
47) 2-Chloronaphthalene	9.28	162	662315	38.723	ng		98
48) 2-Nitroaniline	9.38	65	210115	40.650	ng		96
49) Acenaphthylene	9.70	152	1052075	39.594	ng		99
50) Dimethylphthalate	9.56	163	883634	44.535	ng		99
51) 2,6-Dinitrotoluene	9.62	165	173366	40.671	ng		94
52) Acenaphthene	9.87	154	671298m	39.737	ng		
53) 3-Nitroaniline	9.79	138	104558	19.557	ng		97
54) 2,4-Dinitrophenol	9.90	184	107638	46.955	ng	#	90
55) Dibenzofuran	10.05	168	923764	37.814	ng		97
56) 4-Nitrophenol	9.97	139	276203	68.012	ng		97
57) 2,4-Dinitrotoluene	10.03	165	225505	40.285	ng	#	87
58) Fluorene	10.39	166	688067	37.764	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201776	41.410	ng		100
60) Diethylphthalate	10.26	149	771836	38.459	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	344092	35.407	ng		98
62) 4-Nitroaniline	10.41	138	170305	32.703	ng		98
63) Azobenzene	10.54	77	727693	38.088	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	83539	29.512	ng		100
66) n-Nitrosodiphenylamine	10.50	169	654858	40.242	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	224877	38.991	ng		99
68) Hexachlorobenzene	10.93	284	249530	39.996	ng		94
69) Atrazine	11.03	200	181877	45.130	ng		100
70) Pentachlorophenol	11.13	266	267984	74.979	ng		98
71) Phenanthrene	11.35	178	1018208	38.272	ng		99
72) Anthracene	11.40	178	1062179	39.760	ng		99
73) Carbazole	11.56	167	997351	37.619	ng		100
74) Di-n-butylphthalate	11.89	149	1212415	39.628	ng		99
75) Fluoranthene	12.53	202	1047005	35.505	ng		97
77) Benzidine	12.66	184	738580	85.927	ng		99
78) Pyrene	12.76	202	1058457	45.793	ng		100
80) Butylbenzylphthalate	13.38	149	476942	46.288	ng		95
81) Benzo(a)anthracene	13.95	228	817377	41.288	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	326915	43.770	ng		100
83) Chrysene	13.99	228	817481	39.293	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	623789	49.095	ng		99
85) Di-n-octyl phthalate	14.55	149	1004223	39.727	ng		100
87) Indeno(1,2,3-cd)pyrene	16.85	276	916590	37.826	ng		100
88) Benzo(b)fluoranthene	14.99	252	872017	41.404	ng		99
89) Benzo(k)fluoranthene	15.02	252	723252	37.654	ng		99
90) Benzo(a)pyrene	15.35	252	766208	39.874	ng		100
91) Dibenzo(a,h)anthracene	16.86	278	773431	39.074	ng		99
92) Benzo(g,h,i)perylene	17.28	276	741932	38.015	ng		99

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

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