Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029582.D
Acq On : 22 Apr 2021 00:50
Operator : CG/JU
Sample : M2111-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 22 04:31:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:14:18 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
S-2MSD

Manual Integrations APPROVED
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4/22/2021 12:11:27 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	80738	20.00	ng		0.00
21) Naphthalene-d8	10.427	136	339227	20.00	ng		0.00
39) Acenaphthene-d10	14.286	164	248112	20.00	ng		0.00
64) Phenanthrene-d10	17.033	188	559100	20.00	ng		0.00
76) Chrysene-d12	21.215	240	673499	20.00	ng		0.00
86) Perylene-d12	23.409	264	672202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	576415	143.13	ng		0.00
7) Phenol-d6	6.828	99	809823	134.63	ng		0.00
23) Nitrobenzene-d5	8.804	82	536126	81.40	ng		0.00
42) 2,4,6-Tribromophenol	15.780	330	445132	129.73	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	1532031	83.81	ng		0.00
79) Terphenyl-d14	19.662	244	2569895	72.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	64775	39.90	ng		98
3) Pyridine	3.569	79	177847	42.98	ng		98
4) n-Nitrosodimethylamine	3.487	42	102813	50.63	ng		97
6) Aniline	6.981	93	300540	45.45	ng		98
8) 2-Chlorophenol	7.216	128	270250	53.97	ng		98
9) Benzaldehyde	6.792	77	144080	42.13	ng		99
10) Phenol	6.857	94	354710	60.85	ng		100
11) bis(2-Chloroethyl)ether	7.081	93	225534	50.72	ng		99
12) 1,3-Dichlorobenzene	7.534	146	278206	48.21	ng		100
13) 1,4-Dichlorobenzene	7.681	146	285721	48.36	ng		99
14) 1,2-Dichlorobenzene	7.992	146	282267	47.92	ng		98
15) Benzyl Alcohol	7.892	79	246731	56.45	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	291746	49.77	ng		98
17) 2-Methylphenol	8.092	107	227036	55.89	ng		97
18) Hexachloroethane	8.716	117	104631	49.04	ng		96
19) n-Nitroso-di-n-propyla...	8.457	70	213568	48.68	ng		95
20) 3+4-Methylphenols	8.422	107	316217	56.60	ng		96
22) Acetophenone	8.469	105	397186	48.84	ng	#	99
24) Nitrobenzene	8.845	77	306528	46.02	ng		99
25) Isophorone	9.369	82	573528	46.34	ng		100
26) 2-Nitrophenol	9.551	139	148802	46.56	ng		97
27) 2,4-Dimethylphenol	9.616	122	264321	59.45	ng		98
28) bis(2-Chloroethoxy)met...	9.851	93	334021	54.62	ng		98
29) 2,4-Dichlorophenol	10.080	162	315020	53.72	ng		98
30) 1,2,4-Trichlorobenzene	10.292	180	318309	47.13	ng		99
31) Naphthalene	10.475	128	815787	46.77	ng		99
32) Benzoic acid	9.786	122	178954	46.27	ng		98
33) 4-Chloroaniline	10.592	127	145494	21.15	ng		100
34) Hexachlorobutadiene	10.763	225	197257	45.87	ng		97
35) Caprolactam	11.392	113	85666m	48.24	ng		
36) 4-Chloro-3-methylphenol	11.727	107	296549	51.74	ng		99
37) 2-Methylnaphthalene	12.092	142	666809	47.76	ng		98
38) 1-Methylnaphthalene	12.316	142	615623	46.24	ng		99
40) 1,2,4,5-Tetrachloroben...	12.468	216	389845	52.40	ng		98
41) Hexachlorocyclopentadiene	12.451	237	488280	117.60	ng		99
43) 2,4,6-Trichlorophenol	12.716	196	273297	53.43	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	300000	53.13	ng		98
46) 1,1'-Biphenyl	13.121	154	922979	50.89	ng		100
47) 2-Chloronaphthalene	13.157	162	724697	49.93	ng		99
48) 2-Nitroaniline	13.368	65	197756	48.71	ng		99
49) Acenaphthylene	14.010	152	1188279	53.40	ng		99
50) Dimethylphthalate	13.757	163	1022089	54.51	ng		99
51) 2,6-Dinitrotoluene	13.874	165	207111	50.17	ng		95
52) Acenaphthene	14.357	154	715330	51.31	ng		98
53) 3-Nitroaniline	14.204	138	103467	28.30	ng		99
54) 2,4-Dinitrophenol	14.410	184	264749	99.49	ng		93
55) Dibenzofuran	14.692	168	1141561	48.50	ng		98
56) 4-Nitrophenol	14.521	139	336748	110.29	ng		97
57) 2,4-Dinitrotoluene	14.662	165	284485	51.03	ng		98
58) Fluorene	15.339	166	1001538	50.68	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.921	232	259339	51.62	ng		98
60) Diethylphthalate	15.127	149	937005	50.91	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	510105	51.01	ng		97
62) 4-Nitroaniline	15.368	138	186530	45.53	ng		97
63) Azobenzene	15.633	77	865023	49.50	ng		98
65) 4,6-Dinitro-2-methylph...	15.427	198	158502	42.65	ng		99
66) n-Nitrosodiphenylamine	15.557	169	840084	48.61	ng		99
67) 4-Bromophenyl-phenylether	16.233	248	288161	49.36	ng		97
68) Hexachlorobenzene	16.345	284	325250	49.00	ng		97
69) Atrazine	16.509	200	329119	53.37	ng		99
70) Pentachlorophenol	16.686	266	451752	104.53	ng		99
71) Phenanthrene	17.074	178	1532397	47.60	ng		99
72) Anthracene	17.162	178	1597734	50.30	ng		99
73) Carbazole	17.439	167	1415439	47.57	ng		99
74) Di-n-butylphthalate	18.009	149	1724828	53.39	ng		99
75) Fluoranthene	19.092	202	1899300	48.65	ng		99
77) Benzidine	19.286	184	1248011	87.52	ng		99
78) Pyrene	19.456	202	1980405	45.71	ng		100
80) Butylbenzylphthalate	20.362	149	819674	50.53	ng		97
81) Benzo(a)anthracene	21.197	228	2119756	47.57	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	427222	30.01	ng	#	99
83) Chrysene	21.250	228	2011117	45.93	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1360941	52.35	ng		99
85) Di-n-octyl phthalate	22.003	149	2311043	52.98	ng		100
87) Indeno(1,2,3-cd)pyrene	25.626	276	2475463	47.63	ng		100
88) Benzo(b)fluoranthene	22.756	252	2129424	48.58	ng		99
89) Benzo(k)fluoranthene	22.797	252	2104977	47.91	ng		99
90) Benzo(a)pyrene	23.315	252	1890296	45.93	ng		99
91) Dibenzo(a,h)anthracene	25.632	278	2100947	46.88	ng		98
92) Benzo(g,h,i)perylene	26.297	276	1876400	45.28	ng		99

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

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