Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029321.D
Acq On : 02 Apr 2021 15:21
Operator : CG/JU
Sample : M1874-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FS-SB11(14-15)MSD

Quant Time: Apr 02 15:55:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	106181	20.00	ng	0.00
21) Naphthalene-d8	10.480	136	397993	20.00	ng	0.00
39) Acenaphthene-d10	14.333	164	209956	20.00	ng	0.00
64) Phenanthrene-d10	17.074	188	401074	20.00	ng	0.00
76) Chrysene-d12	21.250	240	389885	20.00	ng	0.00
86) Perylene-d12	23.462	264	463296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	774471	120.43	ng	0.00
7) Phenol-d6	6.881	99	1011021	111.36	ng	0.00
23) Nitrobenzene-d5	8.851	82	694492	80.00	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	259830	123.81	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1276371	84.69	ng	0.00
79) Terphenyl-d14	19.697	244	1480271	72.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	127170	45.50	ng	98
3) Pyridine	3.622	79	348186	49.29	ng	97
4) n-Nitrosodimethylamine	3.540	42	192742	57.20	ng	93
6) Aniline	7.034	93	453538	45.76	ng	100
8) 2-Chlorophenol	7.269	128	347808	48.86	ng	99
9) Benzaldehyde	6.845	77	258018	45.16	ng	98
10) Phenol	6.904	94	463798	51.94	ng	97
11) bis(2-Chloroethyl)ether	7.134	93	340170	50.32	ng	99
12) 1,3-Dichlorobenzene	7.592	146	386479	49.88	ng	98
13) 1,4-Dichlorobenzene	7.734	146	393384	49.91	ng	98
14) 1,2-Dichlorobenzene	8.051	146	374033	49.35	ng	98
15) Benzyl Alcohol	7.939	79	331975	49.60	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	494817	48.83	ng	99
17) 2-Methylphenol	8.145	107	284844	48.97	ng	99
18) Hexachloroethane	8.775	117	156450	50.76	ng	98
19) n-Nitroso-di-n-propyla...	8.510	70	279863	45.60	ng	97
20) 3+4-Methylphenols	8.469	107	380474	48.24	ng	99
22) Acetophenone	8.522	105	510512	49.60	ng	100
24) Nitrobenzene	8.892	77	416912	46.80	ng	99
25) Isophorone	9.422	82	721683	46.46	ng	99
26) 2-Nitrophenol	9.598	139	178790	50.24	ng	97
27) 2,4-Dimethylphenol	9.669	122	306715	54.89	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	423133	52.72	ng	98
29) 2,4-Dichlorophenol	10.133	162	297392	48.06	ng	99
30) 1,2,4-Trichlorobenzene	10.345	180	324862	48.59	ng	99
31) Naphthalene	10.533	128	1000077	47.68	ng	98
32) Benzoic acid	9.804	122	218440	51.74	ng	95
33) 4-Chloroaniline	10.639	127	180281	21.33	ng	100
34) Hexachlorobutadiene	10.822	225	191038	48.52	ng	96
35) Caprolactam	11.427	113	91969	47.28	ng	99
36) 4-Chloro-3-methylphenol	11.774	107	309211	46.40	ng	97
37) 2-Methylnaphthalene	12.145	142	695001	47.01	ng	98
38) 1-Methylnaphthalene	12.369	142	644581	46.09	ng	99
40) 1,2,4,5-Tetrachloroben...	12.521	216	320620	54.45	ng	98
41) Hexachlorocyclopentadiene	12.504	237	417727	122.28	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	216980	51.92	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	232686	51.63	ng	100
46) 1,1'-Biphenyl	13.168	154	855502	52.64	ng	98
47) 2-Chloronaphthalene	13.210	162	655488	52.14	ng	99
48) 2-Nitroaniline	13.410	65	222709	53.10	ng	98
49) Acenaphthylene	14.057	152	1079337	55.03	ng	99
50) Dimethylphthalate	13.798	163	797645	52.61	ng	100
51) 2,6-Dinitrotoluene	13.910	165	165583	49.06	ng	91
52) Acenaphthene	14.398	154	635558	52.41	ng	99
53) 3-Nitroaniline	14.239	138	112302	32.61	ng	100
54) 2,4-Dinitrophenol	14.445	184	196705	110.74	ng	95
55) Dibenzofuran	14.733	168	932246	49.02	ng	99
56) 4-Nitrophenol	14.557	139	315968	107.67	ng	94
57) 2,4-Dinitrotoluene	14.698	165	223728	50.06	ng	98
58) Fluorene	15.386	166	777948	49.88	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.962	232	185313	53.46	ng	98
60) Diethylphthalate	15.168	149	770266	49.74	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	358947	50.26	ng	97
62) 4-Nitroaniline	15.404	138	175949	48.57	ng	98
63) Azobenzene	15.674	77	871431	48.90	ng	98
65) 4,6-Dinitro-2-methylph...	15.462	198	113323	44.21	ng	97
66) n-Nitrosodiphenylamine	15.592	169	653608	49.28	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	198253	49.75	ng	96
68) Hexachlorobenzene	16.386	284	215431	49.23	ng	98
69) Atrazine	16.551	200	223330	50.52	ng	99
70) Pentachlorophenol	16.727	266	300493	119.39	ng	99
71) Phenanthrene	17.115	178	1128762	48.66	ng	99
72) Anthracene	17.209	178	1155229	50.44	ng	100
73) Carbazole	17.474	167	1053837	47.12	ng	100
74) Di-n-butylphthalate	18.045	149	1291512	50.37	ng	99
75) Fluoranthene	19.127	202	1228387	47.54	ng	99
77) Benzidine	19.315	184	629335	49.77	ng	99
78) Pyrene	19.492	202	1262611	46.60	ng	100
80) Butylbenzylphthalate	20.397	149	578915	47.45	ng	96
81) Benzo(a)anthracene	21.233	228	1253375	48.17	ng	100
82) 3,3'-Dichlorobenzidine	21.168	252	356263	40.76	ng	99
83) Chrysene	21.286	228	1196820	46.98	ng	98
84) Bis(2-ethylhexyl)phtha...	21.174	149	884089	47.10	ng	100
85) Di-n-octyl phthalate	22.044	149	1541931	47.87	ng	100
87) Indeno(1,2,3-cd)pyrene	25.697	276	1867555	54.68	ng	99
88) Benzo(b)fluoranthene	22.797	252	1428540	46.95	ng	99
89) Benzo(k)fluoranthene	22.844	252	1307880	44.95	ng	99
90) Benzo(a)pyrene	23.368	252	1289469	46.36	ng	99
91) Dibenzo(a,h)anthracene	25.709	278	1560730	53.23	ng	99
92) Benzo(g,h,i)perylene	26.379	276	1525603	53.97	ng	98

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

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