Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029635.D
Acq On : 24 Apr 2021 13:42
Operator : CG/JU
Sample : M2149-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0MSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:39:04 AM

Quant Time: Apr 26 03:06:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	78058	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	277793	20.00	ng	-0.01
39) Acenaphthene-d10	14.269	164	175680	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	351592	20.00	ng	0.00
76) Chrysene-d12	21.197	240	333732	20.00	ng	0.00
86) Perylene-d12	23.386	264	381644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	408139	104.82	ng	0.00
7) Phenol-d6	6.810	99	524053	90.11	ng	0.00
23) Nitrobenzene-d5	8.781	82	346393	64.22	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	227487	93.63	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	833553	64.40	ng	-0.01
79) Terphenyl-d14	19.645	244	938176	53.30	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.157	88	65114	41.48	ng	100
3) Pyridine	3.552	79	158301	39.57	ng	99
4) n-Nitrosodimethylamine	3.469	42	90501	46.10	ng	94
6) Aniline	6.957	93	182232	28.50	ng	97
8) 2-Chlorophenol	7.193	128	210862	43.56	ng	98
9) Benzaldehyde	6.775	77	165305	50.00	ng	98
10) Phenol	6.834	94	258606	45.89	ng	98
11) bis(2-Chloroethyl)ether	7.057	93	183070	42.58	ng	98
12) 1,3-Dichlorobenzene	7.516	146	248172	44.49	ng	98
13) 1,4-Dichlorobenzene	7.663	146	251769	44.07	ng	98
14) 1,2-Dichlorobenzene	7.975	146	242901	42.65	ng	98
15) Benzyl Alcohol	7.869	79	185783	43.97	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.151	45	216576	38.21	ng	100
17) 2-Methylphenol	8.075	107	168976	43.03	ng	97
18) Hexachloroethane	8.692	117	89450	43.36	ng	91
19) n-Nitroso-di-n-propyla...	8.434	70	154920	36.53	ng	93
20) 3+4-Methylphenols	8.398	107	224951	41.65	ng	95
22) Acetophenone	8.445	105	299591	44.98	ng	98
24) Nitrobenzene	8.822	77	229037	41.99	ng	98
25) Isophorone	9.345	82	389329	38.41	ng	99
26) 2-Nitrophenol	9.528	139	115584	44.33	ng	99
27) 2,4-Dimethylphenol	9.592	122	184416	50.65	ng	97
28) bis(2-Chloroethoxy)met...	9.828	93	233637	46.66	ng	99
29) 2,4-Dichlorophenol	10.057	162	224053	46.65	ng	96
30) 1,2,4-Trichlorobenzene	10.269	180	250639	45.31	ng	99
31) Naphthalene	10.457	128	611947	42.85	ng	100
32) Benzoic acid	9.751	122	132380	42.49	ng	94
33) 4-Chloroaniline	10.569	127	44209	7.85	ng	97
34) Hexachlorobutadiene	10.739	225	161914	45.98	ng	97
35) Caprolactam	11.357	113	53740m	36.95	ng	
36) 4-Chloro-3-methylphenol	11.704	107	191405	40.78	ng	100
37) 2-Methylnaphthalene	12.075	142	467133	40.85	ng	99
38) 1-Methylnaphthalene	12.298	142	430220	39.46	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	277644	52.71	ng	99
41) Hexachlorocyclopentadiene	12.427	237	354314	120.52	ng	99
43) 2,4,6-Trichlorophenol	12.698	196	183426	50.64	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	196577	49.16	ng	98
46) 1,1'-Biphenyl	13.098	154	618478	48.16	ng	99
47) 2-Chloronaphthalene	13.139	162	487666	47.45	ng	98
48) 2-Nitroaniline	13.351	65	121428	42.62	ng	97
49) Acenaphthylene	13.992	152	736563	46.74	ng	100
50) Dimethylphthalate	13.739	163	604509	45.53	ng	100
51) 2,6-Dinitrotoluene	13.857	165	127666	43.68	ng	93
52) Acenaphthene	14.339	154	439609	44.54	ng	98
53) 3-Nitroaniline	14.186	138	38805	16.39	ng	94
54) 2,4-Dinitrophenol	14.392	184	149954	80.46	ng	90
55) Dibenzofuran	14.674	168	723106	43.39	ng	96
56) 4-Nitrophenol	14.504	139	192148	88.88	ng	98
57) 2,4-Dinitrotoluene	14.645	165	170011	43.07	ng	97
58) Fluorene	15.321	166	597766	42.72	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	159298	44.78	ng	96
60) Diethylphthalate	15.104	149	543026	41.67	ng	97
61) 4-Chlorophenyl-phenyle...	15.321	204	310333	43.83	ng	99
62) 4-Nitroaniline	15.351	138	101152	35.68	ng	96
63) Azobenzene	15.616	77	497210	40.18	ng	96
65) 4,6-Dinitro-2-methylph...	15.410	198	91897	39.32	ng	96
66) n-Nitrosodiphenylamine	15.539	169	496534	45.68	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	174620	47.56	ng	96
68) Hexachlorobenzene	16.327	284	194555	46.61	ng	96
69) Atrazine	16.492	200	181482	46.80	ng	99
70) Pentachlorophenol	16.674	266	252457	92.89	ng	97
71) Phenanthrene	17.057	178	862492	42.60	ng	100
72) Anthracene	17.151	178	890830	44.60	ng	99
73) Carbazole	17.421	167	751349	40.16	ng	99
74) Di-n-butylphthalate	17.992	149	947274	46.63	ng	99
75) Fluoranthene	19.074	202	965704	39.34	ng	100
77) Benzidine	19.268	184	341607	48.35	ng	100
78) Pyrene	19.439	202	997393	46.45	ng	99
80) Butylbenzylphthalate	20.345	149	368077	45.79	ng	96
81) Benzo(a)anthracene	21.186	228	930525	42.15	ng	99
82) 3,3'-Dichlorobenzidine	21.121	252	241382	34.22	ng	99
83) Chrysene	21.233	228	931866	42.95	ng	100
84) Bis(2-ethylhexyl)phtha...	21.127	149	556111	43.17	ng	99
85) Di-n-octyl phthalate	21.986	149	945438	43.74	ng	99
87) Indeno(1,2,3-cd)pyrene	25.585	276	1441093	48.84	ng	99
88) Benzo(b)fluoranthene	22.733	252	1055241	42.40	ng	99
89) Benzo(k)fluoranthene	22.774	252	999198	40.06	ng	99
90) Benzo(a)pyrene	23.291	252	1043669	44.67	ng	99
91) Dibenzo(a,h)anthracene	25.597	278	1214885	47.75	ng	99
92) Benzo(g,h,i)perylene	26.256	276	1184323	50.33	ng	98

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

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