Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029677.D
Acq On : 27 Apr 2021 17:14
Operator : CG/JU
Sample : M2183-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMPMSD

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:33 AM

Quant Time: Apr 27 17:51:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	94195	20.00	ng		-0.01
21) Naphthalene-d8	10.392	136	330807	20.00	ng		0.00
39) Acenaphthene-d10	14.257	164	216883	20.00	ng		-0.01
64) Phenanthrene-d10	17.004	188	461201	20.00	ng		0.00
76) Chrysene-d12	21.192	240	504858	20.00	ng		0.00
86) Perylene-d12	23.374	264	508718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	488666	104.01	ng		0.00
7) Phenol-d6	6.798	99	614026	87.50	ng		0.00
23) Nitrobenzene-d5	8.769	82	406902	63.35	ng		0.00
42) 2,4,6-Tribromophenol	15.757	330	320967	107.01	ng		0.00
45) 2-Fluorobiphenyl	12.874	172	1102095	68.97	ng		-0.01
79) Terphenyl-d14	19.639	244	1579830	59.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	74856	39.52	ng		92
3) Pyridine	3.546	79	176793	36.62	ng		98
4) n-Nitrosodimethylamine	3.463	42	94008	39.68	ng		89
6) Aniline	6.951	93	124884	16.19	ng		94
8) 2-Chlorophenol	7.181	128	251726	43.09	ng		94
9) Benzaldehyde	6.763	77	185045	46.38	ng		95
10) Phenol	6.828	94	329763	48.49	ng		96
11) bis(2-Chloroethyl)ether	7.045	93	207666	40.03	ng		98
12) 1,3-Dichlorobenzene	7.498	146	299262	44.45	ng		96
13) 1,4-Dichlorobenzene	7.645	146	304428	44.16	ng		98
14) 1,2-Dichlorobenzene	7.957	146	296909	43.21	ng		98
15) Benzyl Alcohol	7.857	79	212725	41.72	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.145	45	236768	34.62	ng		97
17) 2-Methylphenol	8.063	107	195694	41.29	ng		96
18) Hexachloroethane	8.681	117	108327	43.52	ng	#	86
19) n-Nitroso-di-n-propyla...	8.422	70	167876	32.80	ng		94
20) 3+4-Methylphenols	8.392	107	265609	40.75	ng		96
22) Acetophenone	8.434	105	350870	44.24	ng		97
24) Nitrobenzene	8.810	77	261258	40.22	ng		96
25) Isophorone	9.334	82	452139	37.46	ng		97
26) 2-Nitrophenol	9.516	139	139631	44.93	ng		94
27) 2,4-Dimethylphenol	9.581	122	220937	50.96	ng		97
28) bis(2-Chloroethoxy)met...	9.816	93	271034	45.45	ng		100
29) 2,4-Dichlorophenol	10.045	162	270823	47.36	ng		96
30) 1,2,4-Trichlorobenzene	10.257	180	309710	47.02	ng		98
31) Naphthalene	10.439	128	736482	43.30	ng		99
32) Benzoic acid	9.751	122	152204	41.28	ng		95
33) 4-Chloroaniline	10.557	127	69703	10.39	ng		96
34) Hexachlorobutadiene	10.722	225	206551	49.25	ng		97
35) Caprolactam	11.351	113	67047m	38.72	ng		
36) 4-Chloro-3-methylphenol	11.692	107	231980	41.51	ng		99
37) 2-Methylnaphthalene	12.063	142	568301	41.74	ng		97
38) 1-Methylnaphthalene	12.286	142	525707	40.49	ng		99
40) 1,2,4,5-Tetrachloroben...	12.439	216	357702	55.00	ng		98
41) Hexachlorocyclopentadiene	12.416	237	410876	113.21	ng		98
43) 2,4,6-Trichlorophenol	12.686	196	230596	51.57	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	247473	50.13	ng		96
46) 1,1'-Biphenyl	13.086	154	762543	48.10	ng		99
47) 2-Chloronaphthalene	13.127	162	598512	47.18	ng		99
48) 2-Nitroaniline	13.339	65	143425	40.90	ng		92
49) Acenaphthylene	13.980	152	929710	47.79	ng		99
50) Dimethylphthalate	13.727	163	821760	50.13	ng		99
51) 2,6-Dinitrotoluene	13.845	165	160815	44.57	ng		87
52) Acenaphthene	14.321	154	556072	45.63	ng		97
53) 3-Nitroaniline	14.174	138	41861	14.70	ng		95
54) 2,4-Dinitrophenol	14.386	184	164381	71.93	ng	#	85
55) Dibenzofuran	14.663	168	916876	44.56	ng		96
56) 4-Nitrophenol	14.498	139	250939	94.02	ng		92
57) 2,4-Dinitrotoluene	14.639	165	222584	45.68	ng		89
58) Fluorene	15.310	166	760087	44.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	212476	48.38	ng	#	92
60) Diethylphthalate	15.098	149	700222	43.52	ng		97
61) 4-Chlorophenyl-phenyle...	15.310	204	405275	46.36	ng		99
62) 4-Nitroaniline	15.339	138	130209	37.06	ng		90
63) Azobenzene	15.604	77	591927	38.75	ng		93
65) 4,6-Dinitro-2-methylph...	15.404	198	110573	36.07	ng		85
66) n-Nitrosodiphenylamine	15.527	169	641098	44.97	ng		100
67) 4-Bromophenyl-phenylether	16.204	248	237776	49.38	ng		94
68) Hexachlorobenzene	16.315	284	267274	48.81	ng		94
69) Atrazine	16.486	200	247219	48.60	ng		96
70) Pentachlorophenol	16.662	266	354661	99.48	ng		98
71) Phenanthrene	17.045	178	1207119	45.46	ng		100
72) Anthracene	17.139	178	1232759	47.05	ng		99
73) Carbazole	17.410	167	1042595	42.48	ng		99
74) Di-n-butylphthalate	17.980	149	1212257	45.49	ng		99
75) Fluoranthene	19.068	202	1479800	45.95	ng		98
77) Benzidine	19.256	184	729254	68.22	ng		99
78) Pyrene	19.427	202	1534127	47.23	ng		99
80) Butylbenzylphthalate	20.339	149	553101	45.48	ng		91
81) Benzo(a)anthracene	21.174	228	1481551	44.36	ng		99
82) 3,3'-Dichlorobenzidine	21.115	252	317143	29.72	ng	#	99
83) Chrysene	21.227	228	1442655	43.96	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	868271	44.56	ng		100
85) Di-n-octyl phthalate	21.980	149	1467375	44.87	ng		97
87) Indeno(1,2,3-cd)pyrene	25.574	276	1747086	44.42	ng		98
88) Benzo(b)fluoranthene	22.721	252	1527139	46.03	ng		98
89) Benzo(k)fluoranthene	22.768	252	1451727	43.66	ng		100
90) Benzo(a)pyrene	23.286	252	1461937	46.94	ng		98
91) Dibenzo(a,h)anthracene	25.580	278	1467664	43.28	ng		99
92) Benzo(g,h,i)perylene	26.238	276	1420632	45.30	ng		98

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

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