Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029074.D
Acq On : 10 Mar 2021 17:45
Operator : CG/JU
Sample : M1603-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
31-NORTHMS

Manual Integrations APPROVED
mohammad
3/11/2021 9:26:20 AM

Quant Time: Mar 10 23:39:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	9305	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	35181	20.00	ng	#	0.00
39) Acenaphthene-d10	14.333	164	18899	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	36632	20.00	ng		0.00
76) Chrysene-d12	21.262	240	36455	20.00	ng	#	0.00
86) Perylene-d12	23.415	264	38041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	77743	138.49	ng		0.00
7) Phenol-d6	6.869	99	84936	114.55	ng		0.00
23) Nitrobenzene-d5	8.845	82	61544	94.38	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	31459	140.45	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	133107	93.76	ng		0.00
79) Terphenyl-d14	19.709	244	184634	93.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	9046	42.86	ng	#	1
3) Pyridine	3.510	79	22652	40.67	ng	#	35
4) n-Nitrosodimethylamine	3.422	42	19872	63.85	ng	#	42
6) Aniline	7.004	93	24298	30.64	ng		99
8) 2-Chlorophenol	7.234	128	31542	47.30	ng		98
9) Benzaldehyde	6.816	77	7742	19.16	ng		83
10) Phenol	6.892	94	34641	47.01	ng		92
11) bis(2-Chloroethyl)ether	7.104	93	27864	49.85	ng		91
12) 1,3-Dichlorobenzene	7.551	146	33797	46.47	ng	#	93
13) 1,4-Dichlorobenzene	7.704	146	34690	47.03	ng		96
14) 1,2-Dichlorobenzene	8.016	146	32915	46.38	ng		98
15) Benzyl Alcohol	7.928	79	25792	48.64	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.204	45	46099	53.55	ng		69
17) 2-Methylphenol	8.139	107	24042	48.05	ng	#	91
18) Hexachloroethane	8.728	117	12993	48.48	ng		89
19) n-Nitroso-di-n-propyla...	8.486	70	21464	49.21	ng	#	56
20) 3+4-Methylphenols	8.469	107	32208	47.84	ng		93
22) Acetophenone	8.504	105	44512	51.88	ng	#	83
24) Nitrobenzene	8.886	77	32985	49.75	ng	#	89
25) Isophorone	9.404	82	56840	49.54	ng		98
26) 2-Nitrophenol	9.592	139	16583	49.52	ng		87
27) 2,4-Dimethylphenol	9.663	122	25423	50.59	ng		91
28) bis(2-Chloroethoxy)met...	9.892	93	34276	52.57	ng		99
29) 2,4-Dichlorophenol	10.128	162	27523	47.87	ng		98
30) 1,2,4-Trichlorobenzene	10.328	180	30150	47.82	ng		97
31) Naphthalene	10.510	128	90114	46.46	ng		99
32) Benzoic acid	9.851	122	14140	39.25	ng	#	87
33) 4-Chloroaniline	10.645	127	15274	19.59	ng		94
34) Hexachlorobutadiene	10.775	225	18126	47.95	ng		97
35) Caprolactam	11.451	113	6306	40.09	ng	#	41
36) 4-Chloro-3-methylphenol	11.786	107	27979	48.28	ng		93
37) 2-Methylnaphthalene	12.133	142	63109	46.24	ng		95
38) 1-Methylnaphthalene	12.357	142	59289	45.87	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	30431	51.50	ng		99
41) Hexachlorocyclopentadiene	12.469	237	27328	121.33	ng		97
43) 2,4,6-Trichlorophenol	12.769	196	20772	50.15	ng		99

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44) 2,4,5-Trichlorophenol	12.851	196	22100	49.71	ng	#	95
46) 1,1'-Biphenyl	13.163	154	76797	50.67	ng		99
47) 2-Chloronaphthalene	13.204	162	61221	49.48	ng		97
48) 2-Nitroaniline	13.433	65	18430	55.38	ng		90
49) Acenaphthylene	14.057	152	95293	50.15	ng		99
50) Dimethylphthalate	13.810	163	77459	54.08	ng		99
51) 2,6-Dinitrotoluene	13.939	165	16930	50.70	ng		95
52) Acenaphthene	14.404	154	56994	48.91	ng		99
53) 3-Nitroaniline	14.274	138	11852	36.43	ng		89
54) 2,4-Dinitrophenol	14.498	184	18186	106.47	ng		97
55) Dibenzofuran	14.739	168	91017	49.75	ng		98
56) 4-Nitrophenol	14.610	139	23805	89.19	ng		90
57) 2,4-Dinitrotoluene	14.739	165	23474	53.81	ng	#	84
58) Fluorene	15.392	166	73863	50.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	18448m	51.64	ng		
60) Diethylphthalate	15.174	149	77529	53.80	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	36373	51.98	ng		92
62) 4-Nitroaniline	15.439	138	15703	49.92	ng		92
63) Azobenzene	15.680	77	68957	51.86	ng		84
65) 4,6-Dinitro-2-methylph...	15.510	198	12492	48.43	ng	#	74
66) n-Nitrosodiphenylamine	15.610	169	62227	49.66	ng		98
67) 4-Bromophenyl-phenylether	16.280	248	20406	49.64	ng	#	91
68) Hexachlorobenzene	16.392	284	23579	51.48	ng		96
69) Atrazine	16.562	200	18342	47.04	ng		96
70) Pentachlorophenol	16.745	266	27503	112.25	ng		98
71) Phenanthrene	17.127	178	108545	49.76	ng		100
72) Anthracene	17.215	178	112388	52.01	ng		99
73) Carbazole	17.498	167	102853	49.61	ng		99
74) Di-n-butylphthalate	18.051	149	134844	57.20	ng		99
75) Fluoranthene	19.139	202	125952	52.54	ng		97
77) Benzidine	19.339	184	33282	27.70	ng		99
78) Pyrene	19.503	202	128700	48.06	ng		100
80) Butylbenzylphthalate	20.403	149	63612	55.18	ng		93
81) Benzo(a)anthracene	21.244	228	127927	50.56	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	30576	34.98	ng	#	97
83) Chrysene	21.297	228	125099	50.74	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	95524	57.58	ng	#	95
85) Di-n-octyl phthalate	22.027	149	163985	58.25	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.579	276	156203	54.41	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	134718	50.13	ng	#	96
89) Benzo(k)fluoranthene	22.821	252	128645	50.40	ng	#	98
90) Benzo(a)pyrene	23.327	252	121237	49.44	ng	#	97
91) Dibenzo(a,h)anthracene	25.585	278	133482	53.50	ng	#	94
92) Benzo(g,h,i)perylene	26.238	276	127750	53.03	ng	#	94

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

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