Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029022.D
Acq On : 08 Mar 2021 17:06
Operator : CG/JU
Sample : M1576-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDW-GW803-SO-030421MSD

Manual Integrations APPROVED
mohammad
3/9/2021 12:20:24 PM

Quant Time: Mar 08 18:28:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10301	20.00	ng	-0.01
21) Naphthalene-d8	10.469	136	39302	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	22261	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	44161	20.00	ng	-0.01
76) Chrysene-d12	21.262	240	44538	20.00	ng	-0.01
86) Perylene-d12	23.415	264	44742	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	84627	136.17	ng	0.00
7) Phenol-d6	6.875	99	92568	112.77	ng	0.00
23) Nitrobenzene-d5	8.851	82	68737	94.36	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	37985	143.97	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	152932	91.46	ng	-0.01
79) Terphenyl-d14	19.709	244	220463	91.40	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	9933	42.51	ng	# 1
3) Pyridine	3.516	79	24070	39.03	ng	# 33
4) n-Nitrosodimethylamine	3.428	42	21325	61.90	ng	# 44
6) Aniline	7.010	93	10562	12.03	ng	97
8) 2-Chlorophenol	7.240	128	34091	46.18	ng	96
9) Benzaldehyde	6.822	77	9627	21.52	ng	84
10) Phenol	6.898	94	37877	46.43	ng	94
11) bis(2-Chloroethyl)ether	7.110	93	29116	47.05	ng	89
12) 1,3-Dichlorobenzene	7.557	146	37217	46.23	ng	# 95
13) 1,4-Dichlorobenzene	7.704	146	38445	47.09	ng	97
14) 1,2-Dichlorobenzene	8.022	146	36092	45.94	ng	99
15) Benzyl Alcohol	7.934	79	28266	48.15	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.216	45	50186	52.66	ng	70
17) 2-Methylphenol	8.145	107	25901	46.76	ng	92
18) Hexachloroethane	8.734	117	14745	49.70	ng	92
19) n-Nitroso-di-n-propyla...	8.492	70	23343	48.34	ng	# 50
20) 3+4-Methylphenols	8.475	107	34740	46.61	ng	92
22) Acetophenone	8.510	105	49016	51.14	ng	# 84
24) Nitrobenzene	8.892	77	36079	48.71	ng	# 88
25) Isophorone	9.410	82	61504	47.98	ng	96
26) 2-Nitrophenol	9.592	139	18290	48.89	ng	92
27) 2,4-Dimethylphenol	9.669	122	27881	49.67	ng	92
28) bis(2-Chloroethoxy)met...	9.898	93	37507	51.50	ng	98
29) 2,4-Dichlorophenol	10.134	162	30521	47.52	ng	97
30) 1,2,4-Trichlorobenzene	10.328	180	33173	47.10	ng	96
31) Naphthalene	10.516	128	98925	45.65	ng	100
32) Benzoic acid	9.857	122	21327	53.00	ng	# 85
33) 4-Chloroaniline	10.651	127	4581	5.26	ng	96
34) Hexachlorobutadiene	10.781	225	20204	47.85	ng	98
35) Caprolactam	11.463	113	7081	40.30	ng	# 35
36) 4-Chloro-3-methylphenol	11.798	107	32735	50.57	ng	92
37) 2-Methylnaphthalene	12.139	142	70970	46.55	ng	97
38) 1-Methylnaphthalene	12.357	142	65883	45.62	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	33519	48.16	ng	98
41) Hexachlorocyclopentadiene	12.475	237	34649	130.60	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	24128	49.45	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	25670	49.02	ng	#	96
46) 1,1'-Biphenyl	13.169	154	87746	49.15	ng		99
47) 2-Chloronaphthalene	13.210	162	69963	48.01	ng		98
48) 2-Nitroaniline	13.439	65	21875	55.81	ng		90
49) Acenaphthylene	14.063	152	108237	48.36	ng		99
50) Dimethylphthalate	13.816	163	89223	52.89	ng		99
51) 2,6-Dinitrotoluene	13.945	165	19217	48.86	ng		93
52) Acenaphthene	14.404	154	65437	47.67	ng		99
53) 3-Nitroaniline	14.274	138	5087	13.27	ng		80
54) 2,4-Dinitrophenol	14.498	184	22785	113.25	ng		92
55) Dibenzofuran	14.745	168	104379	48.44	ng		97
56) 4-Nitrophenol	14.616	139	31331	99.66	ng		88
57) 2,4-Dinitrotoluene	14.739	165	27493	53.51	ng	#	83
58) Fluorene	15.392	166	85598	49.56	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	21981m	52.23	ng		
60) Diethylphthalate	15.180	149	92371	54.42	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	41816	50.74	ng		92
62) 4-Nitroaniline	15.445	138	16331	44.08	ng		96
63) Azobenzene	15.686	77	82955	52.97	ng		84
65) 4,6-Dinitro-2-methylph...	15.510	198	15090	48.53	ng	#	80
66) n-Nitrosodiphenylamine	15.616	169	73371	48.57	ng		98
67) 4-Bromophenyl-phenylether	16.280	248	24419	49.28	ng	#	87
68) Hexachlorobenzene	16.392	284	27541	49.88	ng	#	90
69) Atrazine	16.568	200	22133	47.09	ng		96
70) Pentachlorophenol	16.745	266	34846	117.97	ng		99
71) Phenanthrene	17.127	178	130095	49.47	ng		100
72) Anthracene	17.221	178	134239	51.53	ng		98
73) Carbazole	17.504	167	121702	48.69	ng		99
74) Di-n-butylphthalate	18.051	149	161703	56.90	ng		100
75) Fluoranthene	19.145	202	150076	51.93	ng		99
77) Benzidine	19.345	184	11551	7.87	ng		99
78) Pyrene	19.503	202	154102	47.10	ng		100
80) Butylbenzylphthalate	20.409	149	75183	53.38	ng		94
81) Benzo(a)anthracene	21.245	228	151855	49.13	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	25488	23.87	ng	#	97
83) Chrysene	21.297	228	148254	49.22	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	112595	55.55	ng	#	97
85) Di-n-octyl phthalate	22.033	149	197652	57.47	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.580	276	177877	52.68	ng	#	92
88) Benzo(b)fluoranthene	22.774	252	157396	49.80	ng	#	96
89) Benzo(k)fluoranthene	22.821	252	152761	50.88	ng	#	97
90) Benzo(a)pyrene	23.327	252	141178	48.95	ng	#	97
91) Dibenzo(a,h)anthracene	25.585	278	151505	51.63	ng	#	95
92) Benzo(g,h,i)perylene	26.238	276	145993	51.53	ng	#	92

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

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