Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029028.D
Acq On : 08 Mar 2021 20:45
Operator : CG/JU
Sample : M1577-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11939-VNJ-229MSD

Quant Time: Mar 08 23:52:20 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	10829	20.00	ng		-0.01
21) Naphthalene-d8	10.463	136	42742	20.00	ng		#-0.01
39) Acenaphthene-d10	14.339	164	25135	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	51232	20.00	ng		-0.01
76) Chrysene-d12	21.262	240	51534	20.00	ng		#-0.01
86) Perylene-d12	23.415	264	51123	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	81918	125.39	ng		0.00
7) Phenol-d6	6.875	99	100474	116.43	ng		0.00
23) Nitrobenzene-d5	8.845	82	66241	83.61	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	37263	125.09	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	148053	78.42	ng		-0.01
79) Terphenyl-d14	19.709	244	204178	73.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	10076	41.02	ng	#	63
3) Pyridine	3.511	79	27726	42.77	ng	#	30
4) n-Nitrosodimethylamine	3.428	42	21850	60.33	ng	#	45
6) Aniline	7.010	93	22201	24.06	ng		99
8) 2-Chlorophenol	7.240	128	35693	45.99	ng		97
9) Benzaldehyde	6.822	77	9162	19.48	ng	#	77
10) Phenol	6.899	94	43556	50.79	ng		94
11) bis(2-Chloroethyl)ether	7.110	93	30921	47.53	ng		92
12) 1,3-Dichlorobenzene	7.557	146	38435	45.41	ng	#	93
13) 1,4-Dichlorobenzene	7.704	146	38957	45.39	ng		99
14) 1,2-Dichlorobenzene	8.022	146	37482	45.38	ng		98
15) Benzyl Alcohol	7.934	79	30143	48.85	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.210	45	52192	52.10	ng		70
17) 2-Methylphenol	8.145	107	28149	48.34	ng	#	91
18) Hexachloroethane	8.734	117	15061	48.29	ng		92
19) n-Nitroso-di-n-propyla...	8.493	70	24828	48.91	ng	#	50
20) 3+4-Methylphenols	8.475	107	38267	48.84	ng		93
22) Acetophenone	8.510	105	51068	48.99	ng	#	83
24) Nitrobenzene	8.887	77	37372	46.39	ng	#	88
25) Isophorone	9.410	82	65243	46.80	ng		96
26) 2-Nitrophenol	9.592	139	19681	48.37	ng		92
27) 2,4-Dimethylphenol	9.669	122	31029	50.82	ng		90
28) bis(2-Chloroethoxy)met...	9.898	93	40158	50.70	ng		98
29) 2,4-Dichlorophenol	10.134	162	33091	47.37	ng		97
30) 1,2,4-Trichlorobenzene	10.328	180	35437	46.27	ng		97
31) Naphthalene	10.516	128	105383	44.72	ng		100
32) Benzoic acid	9.857	122	24291	55.51	ng	#	88
33) 4-Chloroaniline	10.645	127	16693	17.63	ng		95
34) Hexachlorobutadiene	10.781	225	21062	45.86	ng		99
35) Caprolactam	11.463	113	9776	51.16	ng	#	50
36) 4-Chloro-3-methylphenol	11.792	107	35147	49.93	ng		95
37) 2-Methylnaphthalene	12.133	142	76668	46.24	ng		98
38) 1-Methylnaphthalene	12.357	142	72807	46.36	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	37071	47.17	ng		99
41) Hexachlorocyclopentadiene	12.475	237	36203	120.85	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	25875	46.97	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	27996	47.35	ng		96
46) 1,1'-Biphenyl	13.169	154	95448	47.35	ng		98
47) 2-Chloronaphthalene	13.210	162	75388	45.81	ng		98
48) 2-Nitroaniline	13.439	65	23726	53.61	ng		90
49) Acenaphthylene	14.063	152	117411	46.46	ng		100
50) Dimethylphthalate	13.816	163	95771	50.28	ng		99
51) 2,6-Dinitrotoluene	13.939	165	20763	46.75	ng		95
52) Acenaphthene	14.404	154	70614	45.56	ng		96
53) 3-Nitroaniline	14.275	138	13147	30.38	ng		88
54) 2,4-Dinitrophenol	14.498	184	22757	100.18	ng		98
55) Dibenzofuran	14.745	168	111745	45.92	ng		97
56) 4-Nitrophenol	14.610	139	35418	99.78	ng		88
57) 2,4-Dinitrotoluene	14.739	165	29713	51.22	ng	#	86
58) Fluorene	15.392	166	92905	47.64	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	23398	49.24	ng	#	86
60) Diethylphthalate	15.180	149	97615	50.94	ng		97
61) 4-Chlorophenyl-phenyle...	15.386	204	44940	48.29	ng	#	89
62) 4-Nitroaniline	15.445	138	19377	46.32	ng		94
63) Azobenzene	15.680	77	88298	49.93	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.504	198	14864	41.20	ng	#	70
66) n-Nitrosodiphenylamine	15.610	169	78686	44.90	ng		96
67) 4-Bromophenyl-phenylether	16.280	248	26029	45.28	ng	#	87
68) Hexachlorobenzene	16.392	284	29111	45.44	ng		91
69) Atrazine	16.568	200	22896	41.99	ng		97
70) Pentachlorophenol	16.745	266	36433	106.32	ng		99
71) Phenanthrene	17.127	178	140112	45.93	ng		99
72) Anthracene	17.221	178	143816	47.59	ng		98
73) Carbazole	17.498	167	130024	44.84	ng		98
74) Di-n-butylphthalate	18.051	149	173073	52.50	ng		100
75) Fluoranthene	19.145	202	163419	48.74	ng		99
77) Benzidine	19.339	184	45780	26.96	ng		99
78) Pyrene	19.504	202	166199	43.90	ng		99
80) Butylbenzylphthalate	20.409	149	79927	49.04	ng		93
81) Benzo(a)anthracene	21.245	228	162269	45.37	ng		99
82) 3,3'-Dichlorobenzidine	21.186	252	46081	37.30	ng	#	99
83) Chrysene	21.298	228	157644	45.23	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	124123	52.92	ng	#	96
85) Di-n-octyl phthalate	22.033	149	211302	53.10	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.580	276	184332	47.78	ng	#	91
88) Benzo(b)fluoranthene	22.780	252	164385	45.52	ng	#	97
89) Benzo(k)fluoranthene	22.821	252	160739	46.86	ng	#	98
90) Benzo(a)pyrene	23.327	252	149088	45.24	ng	#	97
91) Dibenzo(a,h)anthracene	25.586	278	155719	46.45	ng	#	95
92) Benzo(g,h,i)perylene	26.238	276	150397	46.46	ng	#	91

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

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