Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029050.D
Acq On : 09 Mar 2021 17:38
Operator : CG/JU
Sample : M1552-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 09 23:38:44 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

Instrument :
BNA_M
ClientSampleId :
24368MSD

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:02 AM
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10470	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	41495	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	23591	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	48670	20.00	ng	0.00
76) Chrysene-d12	21.262	240	49637	20.00	ng	# 0.00
86) Perylene-d12	23.415	264	49280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	87011	137.75	ng	0.00
7) Phenol-d6	6.869	99	98023	117.49	ng	0.00
23) Nitrobenzene-d5	8.845	82	69137	89.89	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	38877	139.05	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	153531	86.64	ng	0.00
79) Terphenyl-d14	19.709	244	231386	86.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	10385	43.73	ng	# 1
3) Pyridine	3.522	79	25815	41.19	ng	# 40
4) n-Nitrosodimethylamine	3.428	42	22215	63.44	ng	# 43
6) Aniline	7.010	93	16263	18.23	ng	99
8) 2-Chlorophenol	7.239	128	35606	47.46	ng	94
9) Benzaldehyde	6.822	77	6814	14.98	ng	# 76
10) Phenol	6.898	94	40667	49.05	ng	94
11) bis(2-Chloroethyl)ether	7.110	93	30113	47.88	ng	89
12) 1,3-Dichlorobenzene	7.551	146	37333	45.62	ng	# 93
13) 1,4-Dichlorobenzene	7.704	146	37800	45.55	ng	98
14) 1,2-Dichlorobenzene	8.016	146	36465	45.67	ng	99
15) Benzyl Alcohol	7.934	79	29670	49.73	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.210	45	51403	53.07	ng	70
17) 2-Methylphenol	8.139	107	27573	48.97	ng	# 91
18) Hexachloroethane	8.728	117	14578	48.35	ng	92
19) n-Nitroso-di-n-propyla...	8.492	70	23939	48.78	ng	# 54
20) 3+4-Methylphenols	8.475	107	36711	48.46	ng	92
22) Acetophenone	8.510	105	50970	50.37	ng	# 86
24) Nitrobenzene	8.886	77	36797	47.05	ng	# 86
25) Isophorone	9.410	82	63946	47.25	ng	96
26) 2-Nitrophenol	9.592	139	18720	47.39	ng	89
27) 2,4-Dimethylphenol	9.663	122	28808	48.60	ng	90
28) bis(2-Chloroethoxy)met...	9.892	93	38536	50.11	ng	98
29) 2,4-Dichlorophenol	10.128	162	31455	46.38	ng	97
30) 1,2,4-Trichlorobenzene	10.328	180	34347	46.19	ng	97
31) Naphthalene	10.510	128	101419	44.33	ng	100
32) Benzoic acid	9.857	122	22947	54.01	ng	# 85
33) 4-Chloroaniline	10.645	127	9921	10.79	ng	95
34) Hexachlorobutadiene	10.775	225	19819	44.45	ng	96
35) Caprolactam	11.451	113	7871	42.43	ng	# 51
36) 4-Chloro-3-methylphenol	11.792	107	33546	49.08	ng	96
37) 2-Methylnaphthalene	12.133	142	71787	44.60	ng	98
38) 1-Methylnaphthalene	12.357	142	67395	44.21	ng	99
40) 1,2,4,5-Tetrachloroben...	12.510	216	34635	46.96	ng	99
41) Hexachlorocyclopentadiene	12.469	237	33347	118.60	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	24692	47.76	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.845	196	27381	49.34	ng		93
46)	1,1'-Biphenyl	13.163	154	89454	47.28	ng		99
47)	2-Chloronaphthalene	13.204	162	71341	46.19	ng		96
48)	2-Nitroaniline	13.433	65	22667	54.57	ng		89
49)	Acenaphthylene	14.057	152	112068	47.25	ng		99
50)	Dimethylphthalate	13.810	163	99774	55.81	ng		100
51)	2,6-Dinitrotoluene	13.939	165	20466	49.10	ng		94
52)	Acenaphthene	14.404	154	67066	46.11	ng		99
53)	3-Nitroaniline	14.274	138	9609	23.66	ng		82
54)	2,4-Dinitrophenol	14.498	184	23879	112.00	ng		97
55)	Dibenzofuran	14.739	168	107239	46.96	ng		96
56)	4-Nitrophenol	14.610	139	32355	97.12	ng		90
57)	2,4-Dinitrotoluene	14.739	165	28456	52.26	ng	#	84
58)	Fluorene	15.392	166	90144	49.24	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.974	232	22428m	50.29	ng		
60)	Diethylphthalate	15.174	149	94064	52.30	ng		98
61)	4-Chlorophenyl-phenyle...	15.386	204	43295	49.57	ng		92
62)	4-Nitroaniline	15.445	138	18687	47.59	ng		93
63)	Azobenzene	15.680	77	84812	51.10	ng		85
65)	4,6-Dinitro-2-methylph...	15.504	198	15719	45.87	ng	#	71
66)	n-Nitrosodiphenylamine	15.610	169	75281	45.22	ng		99
67)	4-Bromophenyl-phenylether	16.280	248	25397	46.50	ng	#	90
68)	Hexachlorobenzene	16.386	284	28478	46.79	ng	#	91
69)	Atrazine	16.568	200	22487	43.41	ng		96
70)	Pentachlorophenol	16.745	266	34850	107.06	ng		97
71)	Phenanthrene	17.127	178	135529	46.76	ng		99
72)	Anthracene	17.215	178	138057	48.09	ng		98
73)	Carbazole	17.498	167	128165	46.53	ng		98
74)	Di-n-butylphthalate	18.051	149	165865	52.96	ng		99
75)	Fluoranthene	19.139	202	158690	49.83	ng		98
77)	Benzidine	19.345	184	8486	5.19	ng		99
78)	Pyrene	19.503	202	163433	44.82	ng		98
80)	Butylbenzylphthalate	20.403	149	77721	49.51	ng		98
81)	Benzo(a)anthracene	21.244	228	161557	46.90	ng		99
82)	3,3'-Dichlorobenzidine	21.186	252	32627	27.42	ng	#	98
83)	Chrysene	21.297	228	157488	46.92	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.174	149	117802	52.15	ng	#	95
85)	Di-n-octyl phthalate	22.027	149	206264	53.81	ng	#	89
87)	Indeno(1,2,3-cd)pyrene	25.585	276	188769	50.76	ng	#	91
88)	Benzo(b)fluoranthene	22.780	252	165968	47.68	ng	#	97
89)	Benzo(k)fluoranthene	22.821	252	164273	49.68	ng	#	97
90)	Benzo(a)pyrene	23.327	252	148905	46.88	ng	#	96
91)	Dibenzo(a,h)anthracene	25.585	278	160528	49.67	ng	#	94
92)	Benzo(g,h,i)perylene	26.238	276	155324	49.77	ng	#	94

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

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