Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029005.D
Acq On : 05 Mar 2021 20:43
Operator : CG/JU
Sample : M1566-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-282MS

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:11 AM

Quant Time: Mar 05 22:25:02 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	7.675	152	10093	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	39541	20.00	ng		# 0.00
39) Acenaphthene-d10	14.345	164	22743	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	45900	20.00	ng		0.00
76) Chrysene-d12	21.268	240	46202	20.00	ng		# 0.00
86) Perylene-d12	23.427	264	46866	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	75519	124.02	ng		0.00
7) Phenol-d6	6.869	99	91064	113.22	ng		0.00
23) Nitrobenzene-d5	8.851	82	61119	83.39	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	32219	119.53	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	129592	75.86	ng		0.00
79) Terphenyl-d14	19.715	244	171462	68.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	10288	44.94	ng	#	56
3) Pyridine	3.504	79	27927	46.22	ng	#	26
4) n-Nitrosodimethylamine	3.422	42	22623	67.02	ng	#	40
6) Aniline	7.016	93	17349	20.17	ng		98
8) 2-Chlorophenol	7.245	128	34443	47.62	ng		95
9) Benzaldehyde	6.828	77	9448	21.55	ng		90
10) Phenol	6.898	94	42212	52.82	ng		96
11) bis(2-Chloroethyl)ether	7.116	93	28467	46.95	ng		89
12) 1,3-Dichlorobenzene	7.563	146	36851	46.72	ng		95
13) 1,4-Dichlorobenzene	7.710	146	37617	47.02	ng		99
14) 1,2-Dichlorobenzene	8.022	146	35640	46.30	ng		99
15) Benzyl Alcohol	7.939	79	28792	50.06	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.210	45	49667	53.19	ng		68
17) 2-Methylphenol	8.139	107	26456	48.74	ng		94
18) Hexachloroethane	8.739	117	14520	49.95	ng		88
19) n-Nitroso-di-n-propyla...	8.498	70	22907	48.42	ng	#	50
20) 3+4-Methylphenols	8.475	107	35849	49.09	ng		93
22) Acetophenone	8.516	105	48525	50.32	ng	#	85
24) Nitrobenzene	8.892	77	36033	48.35	ng	#	87
25) Isophorone	9.416	82	60386	46.83	ng		95
26) 2-Nitrophenol	9.604	139	17817	47.34	ng		89
27) 2,4-Dimethylphenol	9.669	122	28676	50.77	ng		95
28) bis(2-Chloroethoxy)met...	9.904	93	37518	51.20	ng		98
29) 2,4-Dichlorophenol	10.133	162	31275	48.40	ng		97
30) 1,2,4-Trichlorobenzene	10.339	180	32924	46.47	ng		98
31) Naphthalene	10.522	128	99894	45.82	ng		99
32) Benzoic acid	9.845	122	21030	51.94	ng		90
33) 4-Chloroaniline	10.651	127	12369	14.12	ng		93
34) Hexachlorobutadiene	10.792	225	20204	47.56	ng		96
35) Caprolactam	11.463	113	8715	49.30	ng	#	48
36) 4-Chloro-3-methylphenol	11.792	107	32324	49.63	ng		98
37) 2-Methylnaphthalene	12.145	142	70931	46.24	ng		97
38) 1-Methylnaphthalene	12.369	142	66903	46.05	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	34389	48.36	ng		98
41) Hexachlorocyclopentadiene	12.486	237	33349	123.03	ng		99
43) 2,4,6-Trichlorophenol	12.774	196	23550	47.25	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	25384	47.45	ng		96
46) 1,1'-Biphenyl	13.174	154	87435	47.94	ng		99
47) 2-Chloronaphthalene	13.216	162	69871	46.93	ng		97
48) 2-Nitroaniline	13.439	65	21983	54.89	ng		94
49) Acenaphthylene	14.068	152	107839	47.16	ng		99
50) Dimethylphthalate	13.815	163	90482	52.50	ng		99
51) 2,6-Dinitrotoluene	13.945	165	18729	46.61	ng		93
52) Acenaphthene	14.410	154	64546	46.03	ng		96
53) 3-Nitroaniline	14.280	138	9402	24.01	ng		90
54) 2,4-Dinitrophenol	14.498	184	20525	99.86	ng		92
55) Dibenzofuran	14.751	168	103767	47.13	ng		96
56) 4-Nitrophenol	14.604	139	31608	98.41	ng		95
57) 2,4-Dinitrotoluene	14.745	165	26616	50.70	ng	#	82
58) Fluorene	15.398	166	85670	48.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.980	232	20952m	48.73	ng		
60) Diethylphthalate	15.186	149	87891	50.69	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	41422	49.19	ng		92
62) 4-Nitroaniline	15.445	138	17016	44.95	ng		97
63) Azobenzene	15.692	77	81369	50.85	ng		84
65) 4,6-Dinitro-2-methylph...	15.509	198	13736	42.50	ng	#	70
66) n-Nitrosodiphenylamine	15.615	169	71797	45.73	ng		97
67) 4-Bromophenyl-phenylether	16.286	248	23453	45.54	ng	#	87
68) Hexachlorobenzene	16.398	284	26345	45.90	ng	#	92
69) Atrazine	16.574	200	20343	41.64	ng		97
70) Pentachlorophenol	16.751	266	32326	105.30	ng		99
71) Phenanthrene	17.133	178	133318	48.78	ng		100
72) Anthracene	17.227	178	130691	48.27	ng		99
73) Carbazole	17.503	167	117959	45.41	ng		98
74) Di-n-butylphthalate	18.056	149	152029	51.47	ng		100
75) Fluoranthene	19.150	202	155272	51.69	ng		99
77) Benzidine	19.345	184	48604	31.92	ng		99
78) Pyrene	19.509	202	158379	46.66	ng		99
80) Butylbenzylphthalate	20.415	149	70562	48.29	ng		97
81) Benzo(a)anthracene	21.250	228	152266	47.49	ng		99
82) 3,3'-Dichlorobenzidine	21.191	252	36290	32.76	ng	#	99
83) Chrysene	21.303	228	148883	47.65	ng		99
84) Bis(2-ethylhexyl)phtha...	21.186	149	125370	59.63	ng		96
85) Di-n-octyl phthalate	22.044	149	187016	52.42	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.597	276	177538	50.20	ng	#	92
88) Benzo(b)fluoranthene	22.785	252	159980	48.32	ng	#	97
89) Benzo(k)fluoranthene	22.833	252	151685	48.23	ng	#	98
90) Benzo(a)pyrene	23.338	252	142101	47.04	ng	#	97
91) Dibenzo(a,h)anthracene	25.603	278	148893	48.44	ng	#	95
92) Benzo(g,h,i)perylene	26.256	276	145678	49.09	ng	#	92

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

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