Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028877.D
Acq On : 24 Feb 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/25/2021 1:11:16 PM

Quant Time: Feb 24 13:43:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	17510	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	64186	20.00	ng		# 0.00
39) Acenaphthene-d10	14.468	164	34837	20.00	ng		0.00
64) Phenanthrene-d10	17.209	188	65030	20.00	ng		0.00
76) Chrysene-d12	21.368	240	57642	20.00	ng		# 0.00
86) Perylene-d12	23.580	264	55444	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	83613	79.15	ng		0.00
7) Phenol-d6	6.998	99	109587	78.54	ng		0.00
23) Nitrobenzene-d5	8.986	82	97409	81.88	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	32564	78.87	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	213970	81.77	ng		0.00
79) Terphenyl-d14	19.821	244	249866	80.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	16366	41.20	ng	#	73
3) Pyridine	3.604	79	42544	40.59	ng	#	47
4) n-Nitrosodimethylamine	3.522	42	24636	42.07	ng	#	58
6) Aniline	7.140	93	57890	38.80	ng		98
8) 2-Chlorophenol	7.375	128	49048	39.09	ng		94
9) Benzaldehyde	6.951	77	26929	35.41	ng	#	79
10) Phenol	7.022	94	53831	38.82	ng		87
11) bis(2-Chloroethyl)ether	7.239	93	40926	38.91	ng		94
12) 1,3-Dichlorobenzene	7.692	146	53280	38.93	ng	#	92
13) 1,4-Dichlorobenzene	7.845	146	54258	39.09	ng		98
14) 1,2-Dichlorobenzene	8.157	146	52244	39.12	ng		100
15) Benzyl Alcohol	8.069	79	38824	38.91	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.339	45	63938	39.47	ng		71
17) 2-Methylphenol	8.275	107	36301	38.55	ng	#	90
18) Hexachloroethane	8.881	117	19831	39.32	ng		94
19) n-Nitroso-di-n-propyla...	8.628	70	31911	38.88	ng	#	65
20) 3+4-Methylphenols	8.604	107	49453	39.04	ng		90
22) Acetophenone	8.645	105	63526	40.58	ng	#	88
24) Nitrobenzene	9.028	77	49777	41.15	ng	#	87
25) Isophorone	9.551	82	83186	39.74	ng	#	93
26) 2-Nitrophenol	9.733	139	25317	41.44	ng	#	85
27) 2,4-Dimethylphenol	9.804	122	36576	39.89	ng		90
28) bis(2-Chloroethoxy)met...	10.033	93	47809	40.19	ng		98
29) 2,4-Dichlorophenol	10.275	162	42310	40.33	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	46540	40.46	ng		99
31) Naphthalene	10.663	128	141306	39.93	ng		99
32) Benzoic acid	9.975	122	26831	40.83	ng	#	89
33) 4-Chloroaniline	10.786	127	55943	39.33	ng		92
34) Hexachlorobutadiene	10.928	225	28218	40.92	ng		98
35) Caprolactam	11.598	113	10857	37.83	ng	#	63
36) 4-Chloro-3-methylphenol	11.927	107	41787	39.53	ng		92
37) 2-Methylnaphthalene	12.280	142	98940	39.74	ng		97
38) 1-Methylnaphthalene	12.498	142	92272	39.13	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	44557	40.91	ng		99
41) Hexachlorocyclopentadiene	12.616	237	18045	43.46	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	31592	41.38	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	33677	41.10	ng		98
46) 1,1'-Biphenyl	13.298	154	113269	40.54	ng		99
47) 2-Chloronaphthalene	13.345	162	92564	40.59	ng		98
48) 2-Nitroaniline	13.563	65	25131	40.97	ng	#	84
49) Acenaphthylene	14.192	152	141949	40.53	ng		99
50) Dimethylphthalate	13.933	163	103804	39.32	ng		100
51) 2,6-Dinitrotoluene	14.063	165	24691	40.11	ng		92
52) Acenaphthene	14.533	154	86393	40.22	ng		99
53) 3-Nitroaniline	14.398	138	24389	40.66	ng		87
54) 2,4-Dinitrophenol	14.616	184	12621	40.09	ng		95
55) Dibenzofuran	14.868	168	134062	39.75	ng		100
56) 4-Nitrophenol	14.721	139	19141	38.91	ng	#	78
57) 2,4-Dinitrotoluene	14.857	165	32719	40.69	ng		94
58) Fluorene	15.515	166	107152	39.64	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	26630m	40.44	ng		
60) Diethylphthalate	15.298	149	103583	39.00	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	50911	39.47	ng		90
62) 4-Nitroaniline	15.563	138	23373	40.31	ng		84
63) Azobenzene	15.804	77	99022	40.40	ng		89
65) 4,6-Dinitro-2-methylph...	15.621	198	18464	40.32	ng		79
66) n-Nitrosodiphenylamine	15.733	169	90405	40.64	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	29943	41.04	ng		91
68) Hexachlorobenzene	16.515	284	32840	40.39	ng		94
69) Atrazine	16.686	200	27447	39.66	ng		98
70) Pentachlorophenol	16.868	266	18321	42.12	ng		98
71) Phenanthrene	17.251	178	155070	40.04	ng		99
72) Anthracene	17.345	178	155138	40.44	ng		98
73) Carbazole	17.621	167	146143	39.71	ng		99
74) Di-n-butylphthalate	18.168	149	164488	39.31	ng		99
75) Fluoranthene	19.262	202	166414	39.11	ng		98
77) Benzidine	19.450	184	68106	35.86	ng		99
78) Pyrene	19.621	202	171152	40.42	ng		98
80) Butylbenzylphthalate	20.509	149	71279	39.10	ng	#	96
81) Benzo(a)anthracene	21.356	228	158093	39.52	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	54942	39.76	ng	#	98
83) Chrysene	21.403	228	154586	39.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	100404	38.27	ng	#	97
85) Di-n-octyl phthalate	22.144	149	171508	38.53	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.815	276	167513	40.04	ng	#	91
88) Benzo(b)fluoranthene	22.921	252	154302	39.40	ng	#	97
89) Benzo(k)fluoranthene	22.962	252	151461	40.71	ng	#	97
90) Benzo(a)pyrene	23.486	252	142719	39.93	ng	#	96
91) Dibenzo(a,h)anthracene	25.821	278	146403	40.26	ng	#	95
92) Benzo(g,h,i)perylene	26.503	276	141462	40.29	ng	#	92

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

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