Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031621\
Data File : BM029144.D
Acq On : 16 Mar 2021 11:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 12:09:33 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 12 12:30:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:43 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.616	152	11808	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	46496	20.00	ng		#-0.01
39) Acenaphthene-d10	14.286	164	27752	20.00	ng		-0.01
64) Phenanthrene-d10	17.039	188	54646	20.00	ng		0.00
76) Chrysene-d12	21.221	240	45724	20.00	ng		# 0.00
86) Perylene-d12	23.356	264	40103	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	59664	83.75	ng		0.00
7) Phenol-d6	6.834	99	78554	83.48	ng		0.01
23) Nitrobenzene-d5	8.792	82	74025	85.89	ng		0.00
42) 2,4,6-Tribromophenol	15.792	330	27404	83.32	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	170776	81.92	ng		0.00
79) Terphenyl-d14	19.668	244	227415	91.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.051	88	10991	41.03	ng	#	57
3) Pyridine	3.469	79	30232	42.77	ng	#	35
4) n-Nitrosodimethylamine	3.393	42	21891	55.43	ng	#	42
6) Aniline	6.957	93	41680	41.42	ng		98
8) 2-Chlorophenol	7.186	128	33941	40.11	ng		97
9) Benzaldehyde	6.769	77	17728	34.57	ng		81
10) Phenol	6.863	94	38959	41.67	ng		94
11) bis(2-Chloroethyl)ether	7.063	93	28078	39.58	ng		92
12) 1,3-Dichlorobenzene	7.498	146	36180	39.20	ng	#	94
13) 1,4-Dichlorobenzene	7.651	146	37420	39.98	ng		97
14) 1,2-Dichlorobenzene	7.963	146	36159	40.15	ng		98
15) Benzyl Alcohol	7.886	79	29159	43.34	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	51460	47.11	ng		70
17) 2-Methylphenol	8.098	107	26727	42.09	ng	#	90
18) Hexachloroethane	8.675	117	14176	41.69	ng		92
19) n-Nitroso-di-n-propyla...	8.439	70	24983	45.14	ng	#	48
20) 3+4-Methylphenols	8.433	107	37380	43.76	ng		96
22) Acetophenone	8.457	105	47980	42.31	ng	#	80
24) Nitrobenzene	8.833	77	37987	43.35	ng	#	90
25) Isophorone	9.357	82	66582	43.91	ng		95
26) 2-Nitrophenol	9.539	139	18756	42.38	ng		87
27) 2,4-Dimethylphenol	9.616	122	26660	40.14	ng		95
28) bis(2-Chloroethoxy)met...	9.839	93	35425	41.11	ng	#	97
29) 2,4-Dichlorophenol	10.080	162	32214	42.39	ng		96
30) 1,2,4-Trichlorobenzene	10.269	180	34047	40.86	ng		96
31) Naphthalene	10.457	128	102959	40.16	ng		100
32) Benzoic acid	9.839	122	21997	46.21	ng	#	88
33) 4-Chloroaniline	10.592	127	42888	41.63	ng		93
34) Hexachlorobutadiene	10.716	225	21145	42.33	ng		99
35) Caprolactam	11.416	113	8851	42.58	ng	#	45
36) 4-Chloro-3-methylphenol	11.751	107	33240	43.40	ng		96
37) 2-Methylnaphthalene	12.080	142	73365	40.68	ng		97
38) 1-Methylnaphthalene	12.304	142	69072	40.43	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	34539	39.81	ng		100
41) Hexachlorocyclopentadiene	12.416	237	10974	33.18	ng		99
43) 2,4,6-Trichlorophenol	12.721	196	25732	42.31	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	26813	41.07	ng	#	96
46) 1,1'-Biphenyl	13.110	154	87962	39.52	ng		98
47) 2-Chloronaphthalene	13.157	162	72004	39.63	ng		96
48) 2-Nitroaniline	13.392	65	22520	46.09	ng		93
49) Acenaphthylene	14.010	152	112928	40.47	ng		100
50) Dimethylphthalate	13.763	163	88852	42.25	ng		99
51) 2,6-Dinitrotoluene	13.898	165	20024	40.83	ng		97
52) Acenaphthene	14.351	154	67864	39.66	ng		98
53) 3-Nitroaniline	14.233	138	19940	41.73	ng		89
54) 2,4-Dinitrophenol	14.462	184	9736	38.82	ng		98
55) Dibenzofuran	14.692	168	110912	41.28	ng		97
56) 4-Nitrophenol	14.586	139	14477	36.94	ng	#	87
57) 2,4-Dinitrotoluene	14.698	165	28701	44.81	ng	#	85
58) Fluorene	15.345	166	89468	41.55	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.933	232	21923m	41.79	ng		
60) Diethylphthalate	15.133	149	92190	43.57	ng		97
61) 4-Chlorophenyl-phenyle...	15.339	204	44118	42.94	ng		91
62) 4-Nitroaniline	15.409	138	19003	41.14	ng		97
63) Azobenzene	15.633	77	86716	44.41	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.468	198	15374	39.95	ng	#	67
66) n-Nitrosodiphenylamine	15.568	169	75865	40.58	ng		96
67) 4-Bromophenyl-phenylether	16.233	248	24820	40.48	ng	#	89
68) Hexachlorobenzene	16.345	284	27183	39.78	ng	#	92
69) Atrazine	16.527	200	24621	42.33	ng		98
70) Pentachlorophenol	16.703	266	14750	40.36	ng		95
71) Phenanthrene	17.080	178	128766	39.57	ng		99
72) Anthracene	17.174	178	128851	39.97	ng		99
73) Carbazole	17.456	167	121874	39.41	ng		98
74) Di-n-butylphthalate	18.003	149	156571	44.52	ng		100
75) Fluoranthene	19.097	202	140742	39.36	ng		99
77) Benzidine	19.297	184	47513	31.53	ng		100
78) Pyrene	19.462	202	144661	43.07	ng		99
80) Butylbenzylphthalate	20.362	149	65891	45.57	ng		96
81) Benzo(a)anthracene	21.203	228	129065	40.67	ng		99
82) 3,3'-Dichlorobenzidine	21.144	252	42319	38.61	ng	#	98
83) Chrysene	21.256	228	122703	39.68	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	96292	46.27	ng	#	94
85) Di-n-octyl phthalate	21.980	149	157447	44.59	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.491	276	116017	38.34	ng	#	91
88) Benzo(b)fluoranthene	22.721	252	117568	41.50	ng	#	98
89) Benzo(k)fluoranthene	22.762	252	106593	39.61	ng	#	97
90) Benzo(a)pyrene	23.268	252	102765	39.75	ng	#	98
91) Dibenzo(a,h)anthracene	25.497	278	101681	38.66	ng	#	95
92) Benzo(g,h,i)perylene	26.138	276	94311	37.14	ng	#	92

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

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