Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022521\
Data File : BM028891.D
Acq On : 25 Feb 2021 09:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/26/2021 10:42:24 AM

Quant Time: Feb 25 10:35:30 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	7.804	152	20627	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	82261	20.00	ng	#	0.00
39) Acenaphthene-d10	14.468	164	47121	20.00	ng		0.00
64) Phenanthrene-d10	17.209	188	87599	20.00	ng		0.00
76) Chrysene-d12	21.368	240	68970	20.00	ng	#	0.00
86) Perylene-d12	23.580	264	64879	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	101636	81.67	ng		0.00
7) Phenol-d6	6.992	99	137439	83.62	ng		0.00
23) Nitrobenzene-d5	8.986	82	124402	81.59	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	45385	81.27	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	284228	80.30	ng		0.00
79) Terphenyl-d14	19.821	244	318594	85.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	18474	39.48	ng	#	69
3) Pyridine	3.604	79	51942	42.06	ng	#	50
4) n-Nitrosodimethylamine	3.522	42	29620	42.94	ng	#	56
6) Aniline	7.139	93	74680	42.49	ng		97
8) 2-Chlorophenol	7.369	128	60283	40.78	ng		95
9) Benzaldehyde	6.951	77	33988	37.94	ng	#	77
10) Phenol	7.022	94	67804	41.51	ng		88
11) bis(2-Chloroethyl)ether	7.239	93	51343	41.43	ng		94
12) 1,3-Dichlorobenzene	7.686	146	64006	39.70	ng	#	93
13) 1,4-Dichlorobenzene	7.839	146	65055	39.79	ng		97
14) 1,2-Dichlorobenzene	8.157	146	63712	40.50	ng		99
15) Benzyl Alcohol	8.063	79	50110	42.63	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.345	45	81148	42.53	ng		72
17) 2-Methylphenol	8.269	107	46504	41.92	ng	#	90
18) Hexachloroethane	8.875	117	24406	41.08	ng		91
19) n-Nitroso-di-n-propyla...	8.628	70	42844	44.31	ng	#	64
20) 3+4-Methylphenols	8.604	107	63587	42.61	ng		91
22) Acetophenone	8.645	105	82373	41.06	ng	#	89
24) Nitrobenzene	9.028	77	63656	41.06	ng	#	85
25) Isophorone	9.551	82	114076	42.52	ng	#	94
26) 2-Nitrophenol	9.733	139	33801	43.17	ng	#	82
27) 2,4-Dimethylphenol	9.798	122	48810	41.54	ng		89
28) bis(2-Chloroethoxy)met...	10.028	93	63326	41.54	ng		99
29) 2,4-Dichlorophenol	10.269	162	54864	40.81	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	58933	39.98	ng		97
31) Naphthalene	10.657	128	182215	40.18	ng		99
32) Benzoic acid	9.992	122	38153	45.30	ng	#	87
33) 4-Chloroaniline	10.780	127	74487	40.86	ng	#	92
34) Hexachlorobutadiene	10.927	225	35372	40.02	ng		99
35) Caprolactam	11.610	113	15576	42.35	ng	#	67
36) 4-Chloro-3-methylphenol	11.921	107	56536	41.73	ng		93
37) 2-Methylnaphthalene	12.274	142	130091	40.77	ng		97
38) 1-Methylnaphthalene	12.498	142	122489	40.53	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	58530	39.73	ng		99
41) Hexachlorocyclopentadiene	12.610	237	22777	40.56	ng		97
43) 2,4,6-Trichlorophenol	12.898	196	43461	42.08	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	46142	41.63	ng		96
46) 1,1'-Biphenyl	13.298	154	152185	40.27	ng		99
47) 2-Chloronaphthalene	13.339	162	123555	40.05	ng		98
48) 2-Nitroaniline	13.563	65	35022	42.21	ng	#	83
49) Acenaphthylene	14.186	152	191664	40.45	ng		100
50) Dimethylphthalate	13.933	163	143883	40.29	ng		100
51) 2,6-Dinitrotoluene	14.063	165	33488	40.22	ng		89
52) Acenaphthene	14.533	154	117303	40.37	ng		99
53) 3-Nitroaniline	14.398	138	33580	41.39	ng		85
54) 2,4-Dinitrophenol	14.615	184	18121	42.55	ng		95
55) Dibenzofuran	14.868	168	182205	39.94	ng		100
56) 4-Nitrophenol	14.721	139	26496	39.82	ng	#	77
57) 2,4-Dinitrotoluene	14.857	165	44846	41.23	ng	#	92
58) Fluorene	15.515	166	146253	40.00	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	36771m	41.28	ng		
60) Diethylphthalate	15.292	149	143603	39.97	ng		97
61) 4-Chlorophenyl-phenyle...	15.509	204	70241	40.26	ng		95
62) 4-Nitroaniline	15.562	138	32127	40.96	ng		88
63) Azobenzene	15.804	77	136210	41.09	ng		88
65) 4,6-Dinitro-2-methylph...	15.621	198	25265	40.96	ng	#	78
66) n-Nitrosodiphenylamine	15.733	169	124410	41.52	ng		97
67) 4-Bromophenyl-phenylether	16.398	248	40991	41.70	ng	#	90
68) Hexachlorobenzene	16.515	284	44773	40.88	ng		94
69) Atrazine	16.680	200	37351	40.06	ng		96
70) Pentachlorophenol	16.868	266	24690	42.14	ng		96
71) Phenanthrene	17.251	178	208764	40.02	ng		99
72) Anthracene	17.339	178	206286	39.92	ng		99
73) Carbazole	17.621	167	193484	39.03	ng		100
74) Di-n-butylphthalate	18.168	149	224360	39.80	ng		98
75) Fluoranthene	19.256	202	216606	37.79	ng		97
77) Benzidine	19.450	184	102285	45.00	ng		99
78) Pyrene	19.621	202	219689	43.36	ng		99
80) Butylbenzylphthalate	20.509	149	92293	42.31	ng		94
81) Benzo(a)anthracene	21.356	228	192224	40.16	ng		99
82) 3,3'-Dichlorobenzidine	21.291	252	66358	40.13	ng	#	98
83) Chrysene	21.403	228	188172	40.34	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	127860	40.74	ng		97
85) Di-n-octyl phthalate	22.144	149	213621	40.11	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.815	276	194154	39.66	ng	#	90
88) Benzo(b)fluoranthene	22.915	252	182686	39.86	ng	#	97
89) Benzo(k)fluoranthene	22.962	252	177482	40.77	ng	#	97
90) Benzo(a)pyrene	23.485	252	166519	39.82	ng	#	96
91) Dibenzo(a,h)anthracene	25.821	278	169146	39.75	ng	#	94
92) Benzo(g,h,i)perylene	26.497	276	162549	39.57	ng	#	92

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

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