Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
Data File : BM029308.D
Acq On : 01 Apr 2021 16:24
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM040121

Manual Integrations APPROVED
mohammad
4/2/2021 12:09:01 PM

Quant Time: Apr 01 17:17:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	117136	20.00	ng		0.00
21) Naphthalene-d8	10.486	136	443376	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	269589	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	532379	20.00	ng		0.00
76) Chrysene-d12	21.250	240	527538	20.00	ng		0.00
86) Perylene-d12	23.468	264	541750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	558511	78.72	ng		0.00
7) Phenol-d6	6.875	99	799367	79.81	ng		0.00
23) Nitrobenzene-d5	8.857	82	790796	81.77	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	231477	85.90	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1565564	80.90	ng		0.00
79) Terphenyl-d14	19.704	244	2237321	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	117618	38.15	ng		97
3) Pyridine	3.628	79	314951m	40.42	ng		
4) n-Nitrosodimethylamine	3.546	42	155007	41.70	ng		90
6) Aniline	7.034	93	436980	39.97	ng		99
8) 2-Chlorophenol	7.269	128	313862	39.97	ng		99
9) Benzaldehyde	6.851	77	244643	38.81	ng		98
10) Phenol	6.904	94	392755	39.87	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	298659	40.04	ng		97
12) 1,3-Dichlorobenzene	7.593	146	334967	39.19	ng		98
13) 1,4-Dichlorobenzene	7.740	146	338938	38.98	ng		98
14) 1,2-Dichlorobenzene	8.051	146	329727	39.43	ng		98
15) Benzyl Alcohol	7.945	79	302957	41.03	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	451434	40.38	ng		99
17) 2-Methylphenol	8.145	107	258990	40.36	ng		97
18) Hexachloroethane	8.775	117	132472	38.96	ng		95
19) n-Nitroso-di-n-propyla...	8.510	70	278163	41.08	ng		97
20) 3+4-Methylphenols	8.475	107	351957	40.45	ng		98
22) Acetophenone	8.522	105	470827	41.06	ng	#	99
24) Nitrobenzene	8.898	77	405821	40.89	ng		98
25) Isophorone	9.422	82	719715	41.59	ng		98
26) 2-Nitrophenol	9.604	139	164864	41.58	ng		98
27) 2,4-Dimethylphenol	9.669	122	256388	41.19	ng		98
28) bis(2-Chloroethoxy)met...	9.904	93	364869	40.81	ng		99
29) 2,4-Dichlorophenol	10.134	162	282276	40.95	ng		99
30) 1,2,4-Trichlorobenzene	10.351	180	299762	40.24	ng		99
31) Naphthalene	10.534	128	942508	40.34	ng		100
32) Benzoic acid	9.804	122	199641	42.45	ng		96
33) 4-Chloroaniline	10.645	127	389970	41.42	ng		99
34) Hexachlorobutadiene	10.822	225	177406	40.44	ng		96
35) Caprolactam	11.428	113	94657	43.68	ng		97
36) 4-Chloro-3-methylphenol	11.775	107	308042	41.49	ng		97
37) 2-Methylnaphthalene	12.151	142	678717	41.21	ng		99
38) 1-Methylnaphthalene	12.375	142	637082	40.89	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	304575	40.28	ng		99
41) Hexachlorocyclopentadiene	12.504	237	177209	40.40	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	221908	41.35	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	240251	41.51	ng	97
46) 1,1'-Biphenyl	13.169	154	843500	40.42	ng	98
47) 2-Chloronaphthalene	13.210	162	651294	40.35	ng	98
48) 2-Nitroaniline	13.416	65	228796	42.49	ng	99
49) Acenaphthylene	14.057	152	1040185	41.30	ng	99
50) Dimethylphthalate	13.804	163	795910	40.89	ng	100
51) 2,6-Dinitrotoluene	13.916	165	181239	41.82	ng	94
52) Acenaphthene	14.404	154	634358	40.74	ng	99
53) 3-Nitroaniline	14.245	138	189993	42.96	ng	96
54) 2,4-Dinitrophenol	14.445	184	101723	44.60	ng	96
55) Dibenzofuran	14.739	168	999798	40.95	ng	100
56) 4-Nitrophenol	14.551	139	167291	44.40	ng	97
57) 2,4-Dinitrotoluene	14.704	165	247923	43.20	ng	98
58) Fluorene	15.386	166	821145	41.01	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	187892	42.21	ng	97
60) Diethylphthalate	15.169	149	820945	41.28	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	378713	41.29	ng	99
62) 4-Nitroaniline	15.404	138	202127	43.46	ng	98
63) Azobenzene	15.674	77	953335	41.67	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	140729	41.36	ng	98
66) n-Nitrosodiphenylamine	15.598	169	703637	39.97	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	214040	40.46	ng	98
68) Hexachlorobenzene	16.386	284	232319	39.99	ng	95
69) Atrazine	16.551	200	241993	41.24	ng	99
70) Pentachlorophenol	16.727	266	130111	42.76	ng	99
71) Phenanthrene	17.121	178	1239461	40.26	ng	99
72) Anthracene	17.210	178	1244914	40.95	ng	99
73) Carbazole	17.480	167	1218707	41.05	ng	99
74) Di-n-butylphthalate	18.051	149	1399935	41.13	ng	100
75) Fluoranthene	19.133	202	1399363	40.80	ng	99
77) Benzidine	19.321	184	746487	43.63	ng	100
78) Pyrene	19.498	202	1456516	39.73	ng	99
80) Butylbenzylphthalate	20.403	149	663594	40.20	ng	97
81) Benzo(a)anthracene	21.239	228	1413034	40.14	ng	100
82) 3,3'-Dichlorobenzidine	21.174	252	475629	40.21	ng	99
83) Chrysene	21.292	228	1379999	40.03	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	1030710	40.59	ng	99
85) Di-n-octyl phthalate	22.045	149	1749273	40.13	ng	100
87) Indeno(1,2,3-cd)pyrene	25.703	276	1643153	41.15	ng	99
88) Benzo(b)fluoranthene	22.803	252	1474403	41.44	ng	99
89) Benzo(k)fluoranthene	22.850	252	1368134	40.22	ng	98
90) Benzo(a)pyrene	23.374	252	1325169	40.74	ng	99
91) Dibenzo(a,h)anthracene	25.715	278	1407658	41.05	ng	99
92) Benzo(g,h,i)perylene	26.385	276	1333393	40.34	ng	98

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

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