Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029221.D
Acq On : 25 Mar 2021 14:10
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/26/2021 1:31:21 PM

Quant Time: Mar 25 14:47:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 13:53:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	97337	20.00	ng		0.00
21) Naphthalene-d8	10.539	136	361776	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	219932	20.00	ng		0.00
64) Phenanthrene-d10	17.127	188	439109	20.00	ng		0.00
76) Chrysene-d12	21.292	240	446401	20.00	ng		0.00
86) Perylene-d12	23.533	264	460953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	649548	116.64	ng		0.00
7) Phenol-d6	6.928	99	946244	117.69	ng		0.00
23) Nitrobenzene-d5	8.910	82	902642	122.43	ng		0.00
42) 2,4,6-Tribromophenol	15.874	330	261887	120.88	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1818501	116.47	ng		0.00
79) Terphenyl-d14	19.745	244	2651945	117.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	141008	56.22	ng		99
3) Pyridine	3.693	79	370599m	58.55	ng		
4) n-Nitrosodimethylamine	3.605	42	180482	62.76	ng		98
6) Aniline	7.093	93	512972	58.29	ng		100
8) 2-Chlorophenol	7.322	128	362913	57.24	ng		97
9) Benzaldehyde	6.904	77	270283	52.67	ng		97
10) Phenol	6.951	94	460039	57.77	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	333124	57.06	ng		98
12) 1,3-Dichlorobenzene	7.651	146	403068	56.49	ng		98
13) 1,4-Dichlorobenzene	7.793	146	407347	56.69	ng		100
14) 1,2-Dichlorobenzene	8.110	146	393734	56.16	ng		98
15) Benzyl Alcohol	7.992	79	348767	57.77	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.292	45	488493	54.28	ng		99
17) 2-Methylphenol	8.192	107	300782	58.17	ng		98
18) Hexachloroethane	8.834	117	151466	57.39	ng		99
19) n-Nitroso-di-n-propyla...	8.563	70	306141	56.75	ng		98
20) 3+4-Methylphenols	8.522	107	411348	58.51	ng		98
22) Acetophenone	8.575	105	532909	58.54	ng	#	99
24) Nitrobenzene	8.951	77	459312	59.29	ng		99
25) Isophorone	9.475	82	783553	60.25	ng		99
26) 2-Nitrophenol	9.657	139	175618	72.52	ng		97
27) 2,4-Dimethylphenol	9.722	122	298399	59.85	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	398682	57.86	ng		99
29) 2,4-Dichlorophenol	10.186	162	330349	61.40	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	360587	58.70	ng		99
31) Naphthalene	10.592	128	1112106	58.19	ng		100
32) Benzoic acid	9.851	122	198870	70.04	ng		93
33) 4-Chloroaniline	10.698	127	453976	59.39	ng		99
34) Hexachlorobutadiene	10.881	225	207400	57.30	ng		100
35) Caprolactam	11.480	113	105871	63.18	ng		98
36) 4-Chloro-3-methylphenol	11.822	107	357987	61.17	ng		97
37) 2-Methylnaphthalene	12.204	142	786600	57.53	ng		99
38) 1-Methylnaphthalene	12.422	142	748243	57.73	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	362883	59.18	ng		99
41) Hexachlorocyclopentadiene	12.557	237	205005	60.20	ng		97
43) 2,4,6-Trichlorophenol	12.816	196	250034	63.16	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	276606	62.44	ng	98
46) 1,1'-Biphenyl	13.222	154	971299	57.64	ng	100
47) 2-Chloronaphthalene	13.263	162	769707	58.80	ng	100
48) 2-Nitroaniline	13.463	65	255469	67.02	ng	99
49) Acenaphthylene	14.110	152	1204727	60.03	ng	99
50) Dimethylphthalate	13.851	163	913720	58.29	ng	100
51) 2,6-Dinitrotoluene	13.963	165	209116	62.03	ng	96
52) Acenaphthene	14.451	154	749062	58.28	ng	99
53) 3-Nitroaniline	14.292	138	220627	66.98	ng	93
54) 2,4-Dinitrophenol	14.492	184	109765	69.24	ng	98
55) Dibenzofuran	14.786	168	1166195	57.19	ng	99
56) 4-Nitrophenol	14.592	139	194401	62.94	ng	92
57) 2,4-Dinitrotoluene	14.745	165	284986	67.33	ng	99
58) Fluorene	15.433	166	970481	58.62	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	227703	62.27	ng	99
60) Diethylphthalate	15.216	149	913903	58.59	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	446184	57.89	ng	98
62) 4-Nitroaniline	15.451	138	239854	67.95	ng	97
63) Azobenzene	15.721	77	1056830	59.92	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	156043	68.03	ng	94
66) n-Nitrosodiphenylamine	15.645	169	830072	59.36	ng	99
67) 4-Bromophenyl-phenylether	16.321	248	240059	56.86	ng	98
68) Hexachlorobenzene	16.433	284	277200	58.09	ng	98
69) Atrazine	16.598	200	272337	60.55	ng	97
70) Pentachlorophenol	16.774	266	180176	62.05	ng	98
71) Phenanthrene	17.168	178	1483628	58.17	ng	100
72) Anthracene	17.257	178	1470321	59.63	ng	99
73) Carbazole	17.527	167	1462794	60.08	ng	99
74) Di-n-butylphthalate	18.098	149	1475514	62.30	ng	100
75) Fluoranthene	19.180	202	1696656	59.98	ng	99
77) Benzidine	19.362	184	797916	56.18	ng	99
78) Pyrene	19.539	202	1796029	60.56	ng	100
80) Butylbenzylphthalate	20.445	149	671908	69.83	ng	99
81) Benzo(a)anthracene	21.280	228	1750480	60.22	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	546793	63.48	ng	98
83) Chrysene	21.333	228	1724765	59.87	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	967146	67.11	ng	99
85) Di-n-octyl phthalate	22.097	149	1586342	65.19	ng	99
87) Indeno(1,2,3-cd)pyrene	25.803	276	2039660	60.22	ng	100
88) Benzo(b)fluoranthene	22.862	252	1831434	60.75	ng	100
89) Benzo(k)fluoranthene	22.909	252	1690412	57.96	ng	99
90) Benzo(a)pyrene	23.439	252	1636665	60.44	ng	99
91) Dibenzo(a,h)anthracene	25.821	278	1745498	59.65	ng	98
92) Benzo(g,h,i)perylene	26.503	276	1685877	60.06	ng	99

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

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