Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
Data File : BM029305.D
Acq On : 01 Apr 2021 14:14
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/2/2021 12:08:54 PM

Quant Time: Apr 01 14:48:24 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 14:16:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	116700	20.00	ng		0.00
21) Naphthalene-d8	10.486	136	432502	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	251668	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	472160	20.00	ng		0.00
76) Chrysene-d12	21.250	240	450578	20.00	ng		0.00
86) Perylene-d12	23.462	264	468554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	684161	101.06	ng		0.00
7) Phenol-d6	6.881	99	956124	98.41	ng		0.00
23) Nitrobenzene-d5	8.857	82	930304	104.43	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	245121	105.17	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1770873	99.81	ng		0.00
79) Terphenyl-d14	19.703	244	2312124	103.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	147616	47.97	ng		99
3) Pyridine	3.628	79	384775m	51.87	ng		
4) n-Nitrosodimethylamine	3.546	42	190709	57.29	ng		91
6) Aniline	7.039	93	517753	49.19	ng		98
8) 2-Chlorophenol	7.275	128	374464	49.02	ng		99
9) Benzaldehyde	6.851	77	281909	46.21	ng		96
10) Phenol	6.904	94	469765	48.94	ng		98
11) bis(2-Chloroethyl)ether	7.134	93	352042	51.26	ng		98
12) 1,3-Dichlorobenzene	7.592	146	408527	47.80	ng		99
13) 1,4-Dichlorobenzene	7.739	146	414599	47.84	ng		99
14) 1,2-Dichlorobenzene	8.057	146	400544	48.10	ng		98
15) Benzyl Alcohol	7.945	79	352312	50.13	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	522058	49.57	ng		99
17) 2-Methylphenol	8.145	107	305281	49.50	ng		97
18) Hexachloroethane	8.775	117	162930	51.75	ng		95
19) n-Nitroso-di-n-propyla...	8.510	70	319478	50.97	ng		96
20) 3+4-Methylphenols	8.475	107	413965	50.15	ng		99
22) Acetophenone	8.522	105	543885	50.24	ng	#	99
24) Nitrobenzene	8.898	77	473377	50.91	ng		99
25) Isophorone	9.428	82	814256	53.21	ng		99
26) 2-Nitrophenol	9.604	139	195079	62.92	ng		95
27) 2,4-Dimethylphenol	9.669	122	297480	50.05	ng		99
28) bis(2-Chloroethoxy)met...	9.904	93	419480	51.85	ng		98
29) 2,4-Dichlorophenol	10.139	162	329683	51.01	ng		98
30) 1,2,4-Trichlorobenzene	10.351	180	351907	47.96	ng		99
31) Naphthalene	10.533	128	1098428	48.18	ng		100
32) Benzoic acid	9.810	122	228106	66.05	ng		96
33) 4-Chloroaniline	10.645	127	444444	49.33	ng		98
34) Hexachlorobutadiene	10.822	225	208179	48.84	ng		98
35) Caprolactam	11.427	113	103420	52.72	ng		99
36) 4-Chloro-3-methylphenol	11.774	107	350780	50.83	ng		96
37) 2-Methylnaphthalene	12.151	142	775928	48.68	ng		99
38) 1-Methylnaphthalene	12.374	142	724777	47.80	ng		99
40) 1,2,4,5-Tetrachloroben...	12.521	216	347828	49.32	ng		99
41) Hexachlorocyclopentadiene	12.504	237	210593	54.42	ng		99
43) 2,4,6-Trichlorophenol	12.768	196	248035	54.02	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	266708	52.25	ng		99
46) 1,1'-Biphenyl	13.174	154	949830	49.65	ng		98
47) 2-Chloronaphthalene	13.210	162	738688	49.04	ng		99
48) 2-Nitroaniline	13.416	65	252106	57.07	ng		98
49) Acenaphthylene	14.063	152	1152305	50.29	ng		100
50) Dimethylphthalate	13.804	163	870103	49.48	ng		100
51) 2,6-Dinitrotoluene	13.915	165	198345	52.14	ng		91
52) Acenaphthene	14.404	154	701938	48.20	ng		100
53) 3-Nitroaniline	14.245	138	204382	53.07	ng		96
54) 2,4-Dinitrophenol	14.451	184	110682	58.24	ng		99
55) Dibenzofuran	14.739	168	1094414	47.76	ng		99
56) 4-Nitrophenol	14.557	139	174916	49.72	ng		95
57) 2,4-Dinitrotoluene	14.704	165	268430	53.66	ng		98
58) Fluorene	15.386	166	902796	48.60	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.968	232	203664	48.69	ng		98
60) Diethylphthalate	15.168	149	876599	50.60	ng		99
61) 4-Chlorophenyl-phenyle...	15.386	204	411617	48.03	ng		98
62) 4-Nitroaniline	15.409	138	216420	53.37	ng		100
63) Azobenzene	15.674	77	1039824	52.51	ng		98
65) 4,6-Dinitro-2-methylph...	15.468	198	151714	57.64	ng		96
66) n-Nitrosodiphenylamine	15.598	169	763427	50.51	ng		100
67) 4-Bromophenyl-phenylether	16.274	248	229461	53.02	ng		98
68) Hexachlorobenzene	16.386	284	249866	49.06	ng		95
69) Atrazine	16.551	200	253706	53.16	ng		99
70) Pentachlorophenol	16.727	266	131710	41.98	ng		98
71) Phenanthrene	17.121	178	1325879	48.42	ng		99
72) Anthracene	17.209	178	1310539	49.26	ng		99
73) Carbazole	17.480	167	1275950	48.74	ng		100
74) Di-n-butylphthalate	18.051	149	1480972	58.66	ng		100
75) Fluoranthene	19.133	202	1465003	48.43	ng		99
77) Benzidine	19.321	184	748124	57.47	ng		100
78) Pyrene	19.497	202	1519075	49.80	ng		100
80) Butylbenzylphthalate	20.397	149	686965	66.65	ng		93
81) Benzo(a)anthracene	21.239	228	1459265	49.62	ng		99
82) 3,3'-Dichlorobenzidine	21.174	252	487576	55.48	ng		99
83) Chrysene	21.286	228	1422126	48.34	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	1056215	71.30	ng	#	99
85) Di-n-octyl phthalate	22.044	149	1801299	75.04	ng		100
87) Indeno(1,2,3-cd)pyrene	25.703	276	1682289	49.09	ng		99
88) Benzo(b)fluoranthene	22.803	252	1476266	48.43	ng		99
89) Benzo(k)fluoranthene	22.844	252	1455465	49.14	ng		99
90) Benzo(a)pyrene	23.368	252	1375711	49.82	ng		99
91) Dibenzo(a,h)anthracene	25.709	278	1455996	49.63	ng		99
92) Benzo(g,h,i)perylene	26.385	276	1385455	48.20	ng		99

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

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