Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031047.D
Acq On : 21 Jul 2021 17:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:11 PM

Quant Time: Jul 21 18:33:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	63774	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	290684	20.00	ng		0.00
39) Acenaphthene-d10	14.269	164	213417	20.00	ng		0.00
64) Phenanthrene-d10	17.015	188	501646	20.00	ng		0.00
76) Chrysene-d12	21.203	240	578370	20.00	ng		0.00
86) Perylene-d12	23.380	264	599440	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	283761	79.90	ng		0.00
7) Phenol-d6	6.816	99	419600	81.50	ng		0.00
23) Nitrobenzene-d5	8.787	82	459677	79.40	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	220652	79.18	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1116613	78.07	ng		0.00
79) Terphenyl-d14	19.651	244	2325005	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	55126	38.63	ng		92
3) Pyridine	3.622	79	162396	40.23	ng	#	88
4) n-Nitrosodimethylamine	3.540	42	93159	40.60	ng	#	88
6) Aniline	6.975	93	221856	40.14	ng		98
8) 2-Chlorophenol	7.204	128	168399	40.28	ng		97
9) Benzaldehyde	6.793	77	126018	41.08	ng		99
10) Phenol	6.845	94	204189	40.94	ng		93
11) bis(2-Chloroethyl)ether	7.075	93	148279	40.16	ng		93
12) 1,3-Dichlorobenzene	7.522	146	178696	39.31	ng		95
13) 1,4-Dichlorobenzene	7.669	146	183529	39.67	ng		97
14) 1,2-Dichlorobenzene	7.981	146	179925	39.82	ng		99
15) Benzyl Alcohol	7.875	79	180985	41.76	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	193541	41.89	ng		98
17) 2-Methylphenol	8.075	107	144442	41.39	ng		96
18) Hexachloroethane	8.698	117	72917	40.84	ng		94
19) n-Nitroso-di-n-propyla...	8.439	70	148744	40.91	ng		99
20) 3+4-Methylphenols	8.404	107	203211	41.18	ng		97
22) Acetophenone	8.451	105	281430	39.11	ng	#	95
24) Nitrobenzene	8.828	77	231112	39.53	ng		100
25) Isophorone	9.351	82	409152	39.52	ng		99
26) 2-Nitrophenol	9.528	139	99155	40.28	ng		93
27) 2,4-Dimethylphenol	9.592	122	155001	39.97	ng		97
28) bis(2-Chloroethoxy)met...	9.834	93	207374	39.73	ng		99
29) 2,4-Dichlorophenol	10.051	162	182171	39.71	ng		97
30) 1,2,4-Trichlorobenzene	10.269	180	196433	39.00	ng		98
31) Naphthalene	10.451	128	590213	39.46	ng		99
32) Benzoic acid	9.739	122	133010	40.25	ng		97
33) 4-Chloroaniline	10.569	127	256347	39.73	ng		96
34) Hexachlorobutadiene	10.733	225	123122	38.06	ng		97
35) Caprolactam	11.357	113	63187	40.97	ng		92
36) 4-Chloro-3-methylphenol	11.692	107	214832	41.04	ng		94
37) 2-Methylnaphthalene	12.069	142	457729	39.70	ng		95
38) 1-Methylnaphthalene	12.286	142	433768m	39.51	ng		
40) 1,2,4,5-Tetrachloroben...	12.439	216	231500	38.93	ng		99
41) Hexachlorocyclopentadiene	12.422	237	133572	40.38	ng		99
43) 2,4,6-Trichlorophenol	12.686	196	167108	40.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	185905	40.20	ng	#	92
46) 1,1'-Biphenyl	13.098	154	594188	39.27	ng		99
47) 2-Chloronaphthalene	13.133	162	470553	39.70	ng		94
48) 2-Nitroaniline	13.345	65	158576	41.98	ng		92
49) Acenaphthylene	13.986	152	764569	40.36	ng		100
50) Dimethylphthalate	13.739	163	633648	39.58	ng		99
51) 2,6-Dinitrotoluene	13.851	165	144604	40.33	ng	#	84
52) Acenaphthene	14.333	154	473379	39.70	ng		99
53) 3-Nitroaniline	14.180	138	149558	41.28	ng		97
54) 2,4-Dinitrophenol	14.386	184	85919	40.63	ng		93
55) Dibenzofuran	14.668	168	778219	39.80	ng		94
56) 4-Nitrophenol	14.492	139	134739	42.06	ng		86
57) 2,4-Dinitrotoluene	14.639	165	205850	41.23	ng	#	84
58) Fluorene	15.321	166	658675	39.93	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	174694	40.54	ng		93
60) Diethylphthalate	15.110	149	688628	40.12	ng		98
61) 4-Chlorophenyl-phenyle...	15.321	204	326387	39.96	ng	#	88
62) 4-Nitroaniline	15.351	138	168191	42.09	ng		88
63) Azobenzene	15.615	77	703217	41.17	ng		95
65) 4,6-Dinitro-2-methylph...	15.404	198	124433	39.55	ng		86
66) n-Nitrosodiphenylamine	15.539	169	571638	38.77	ng		99
67) 4-Bromophenyl-phenylether	16.215	248	197230	38.00	ng		93
68) Hexachlorobenzene	16.315	284	226114	38.66	ng		94
69) Atrazine	16.498	200	212120	39.19	ng		98
70) Pentachlorophenol	16.662	266	154303	40.35	ng		97
71) Phenanthrene	17.057	178	1086621	39.12	ng		99
72) Anthracene	17.145	178	1080653	39.45	ng		98
73) Carbazole	17.421	167	1083764	39.97	ng		98
74) Di-n-butylphthalate	17.998	149	1292518	40.58	ng		99
75) Fluoranthene	19.074	202	1371632	39.46	ng		100
77) Benzidine	19.268	184	670826	46.98	ng		98
78) Pyrene	19.439	202	1431410	39.63	ng		99
80) Butylbenzylphthalate	20.356	149	645569	41.86	ng		98
81) Benzo(a)anthracene	21.186	228	1511858	39.44	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	429747	40.90	ng		98
83) Chrysene	21.239	228	1462576	39.28	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	999887	41.85	ng		97
85) Di-n-octyl phthalate	22.003	149	1719767	42.04	ng		98
87) Indeno(1,2,3-cd)pyrene	25.556	276	1668683	38.96	ng		99
88) Benzo(b)fluoranthene	22.733	252	1598570	40.25	ng		100
89) Benzo(k)fluoranthene	22.780	252	1502390	40.44	ng		99
90) Benzo(a)pyrene	23.291	252	1451672	40.60	ng		99
91) Dibenzo(a,h)anthracene	25.568	278	1442682	38.91	ng		99
92) Benzo(g,h,i)perylene	26.215	276	1375967	38.95	ng		98

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

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