Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032521\
Data File : BM029211.D
Acq On : 24 Mar 2021 19:38
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
3/25/2021 11:52:01 AM

Quant Time: Mar 25 01:46:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 01:40:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	96046	20.00	ng		0.00
21) Naphthalene-d8	10.545	136	375494	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	234539	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	467904	20.00	ng		0.00
76) Chrysene-d12	21.292	240	476562	20.00	ng		0.00
86) Perylene-d12	23.527	264	480582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	534314	92.21	ng		0.00
7) Phenol-d6	6.928	99	788212	102.99	ng		0.00
23) Nitrobenzene-d5	8.916	82	769489	110.56	ng		0.00
42) 2,4,6-Tribromophenol	15.874	330	238245	85.71	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1635601	92.84	ng		0.00
79) Terphenyl-d14	19.745	244	2351386	91.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	115152	52.85	ng		99
3) Pyridine	3.699	79	315307m	54.84	ng		
4) n-Nitrosodimethylamine	3.610	42	138601	43.15	ng		97
6) Aniline	7.098	93	432515	52.85	ng		98
8) 2-Chlorophenol	7.328	128	307764	44.71	ng		99
9) Benzaldehyde	6.910	77	231546	55.51	ng		100
10) Phenol	6.957	94	386124	50.77	ng		98
11) bis(2-Chloroethyl)ether	7.192	93	278741	48.31	ng		100
12) 1,3-Dichlorobenzene	7.651	146	334248	44.53	ng		99
13) 1,4-Dichlorobenzene	7.798	146	338843	44.51	ng		98
14) 1,2-Dichlorobenzene	8.110	146	330336	45.10	ng		98
15) Benzyl Alcohol	7.998	79	297129	54.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	424319	47.76	ng		99
17) 2-Methylphenol	8.198	107	255381	49.45	ng		98
18) Hexachloroethane	8.839	117	127636	46.14	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	265833	59.04	ng		98
20) 3+4-Methylphenols	8.522	107	352504	50.73	ng		98
22) Acetophenone	8.581	105	460152	50.25	ng	#	98
24) Nitrobenzene	8.957	77	397275	56.14	ng		99
25) Isophorone	9.481	82	687530	56.14	ng		99
26) 2-Nitrophenol	9.663	139	144112	40.32	ng		97
27) 2,4-Dimethylphenol	9.722	122	261244	48.71	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	351792	50.56	ng		100
29) 2,4-Dichlorophenol	10.186	162	286497	46.69	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	305898	45.46	ng		99
31) Naphthalene	10.592	128	963897	46.56	ng		99
32) Benzoic acid	9.851	122	162585	42.29	ng		100
33) 4-Chloroaniline	10.698	127	400671	48.15	ng		99
34) Hexachlorobutadiene	10.880	225	183977	45.60	ng		99
35) Caprolactam	11.475	113	88573	52.76	ng		91
36) 4-Chloro-3-methylphenol	11.822	107	310435	50.19	ng		96
37) 2-Methylnaphthalene	12.204	142	694700	47.69	ng		100
38) 1-Methylnaphthalene	12.427	142	659579	47.81	ng		100
40) 1,2,4,5-Tetrachloroben...	12.574	216	320869	43.76	ng		99
41) Hexachlorocyclopentadiene	12.557	237	184058	65.84	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	218204	42.45	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	240387	43.57	ng	99
46) 1,1'-Biphenyl	13.221	154	877360	46.64	ng	99
47) 2-Chloronaphthalene	13.263	162	677272	44.11	ng	99
48) 2-Nitroaniline	13.463	65	219444	53.14	ng	98
49) Acenaphthylene	14.110	152	1065446	45.18	ng	99
50) Dimethylphthalate	13.851	163	819367	46.10	ng	99
51) 2,6-Dinitrotoluene	13.963	165	184437	44.50	ng	96
52) Acenaphthene	14.451	154	668974	46.26	ng	98
53) 3-Nitroaniline	14.286	138	191017	47.31	ng	100
54) 2,4-Dinitrophenol	14.492	184	91210	43.03	ng	98
55) Dibenzofuran	14.786	168	1047983	46.16	ng	99
56) 4-Nitrophenol	14.586	139	166466	50.26	ng	100
57) 2,4-Dinitrotoluene	14.745	165	246258	45.49	ng	97
58) Fluorene	15.433	166	867071	47.64	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	199714	45.04	ng	100
60) Diethylphthalate	15.215	149	822776	46.01	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	399010	45.95	ng	100
62) 4-Nitroaniline	15.451	138	207472	53.15	ng	99
63) Azobenzene	15.721	77	948284	57.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	131196	39.82	ng	95
66) n-Nitrosodiphenylamine	15.645	169	739537	46.20	ng	99
67) 4-Bromophenyl-phenylether	16.321	248	223196	42.51	ng	98
68) Hexachlorobenzene	16.433	284	247195	42.25	ng	96
69) Atrazine	16.592	200	245641	49.33	ng	97
70) Pentachlorophenol	16.774	266	156075	49.87	ng	98
71) Phenanthrene	17.168	178	1324417	47.53	ng	99
72) Anthracene	17.257	178	1309339	47.44	ng	100
73) Carbazole	17.521	167	1305408	49.29	ng	100
74) Di-n-butylphthalate	18.098	149	1319243	43.81	ng	100
75) Fluoranthene	19.174	202	1497445	48.91	ng	99
77) Benzidine	19.362	184	798044	50.82	ng	99
78) Pyrene	19.539	202	1570617	44.86	ng	99
80) Butylbenzylphthalate	20.445	149	582417	38.64	ng	100
81) Benzo(a)anthracene	21.274	228	1519498	45.94	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	477387	41.78	ng	100
83) Chrysene	21.327	228	1503884	46.66	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	865871	39.92	ng	100
85) Di-n-octyl phthalate	22.097	149	1401649	38.09	ng	99
87) Indeno(1,2,3-cd)pyrene	25.803	276	1757494	48.46	ng	100
88) Benzo(b)fluoranthene	22.856	252	1543295	45.46	ng	99
89) Benzo(k)fluoranthene	22.903	252	1503792	46.63	ng	100
90) Benzo(a)pyrene	23.433	252	1418676	45.80	ng	99
91) Dibenzo(a,h)anthracene	25.809	278	1507780	47.84	ng	99
92) Benzo(g,h,i)perylene	26.491	276	1444908	47.48	ng	100

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

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