Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029216.D
Acq On : 25 Mar 2021 11:01
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
3/26/2021 1:31:16 PM

Quant Time: Mar 25 13:55:07 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	83950	20.00	ng		0.00
21) Naphthalene-d8	10.539	136	324259	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	193285	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	385562	20.00	ng		0.00
76) Chrysene-d12	21.292	240	371836	20.00	ng		0.00
86) Perylene-d12	23.533	264	383982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	45512	9.48	ng		0.00
7) Phenol-d6	6.922	99	64386	9.29	ng		0.00
23) Nitrobenzene-d5	8.904	82	58176	8.80	ng		0.00
42) 2,4,6-Tribromophenol	15.868	330	13425	7.05	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	129209	9.42	ng		0.00
79) Terphenyl-d14	19.745	244	169236	9.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	11234	5.19	ng	#	91
3) Pyridine	3.716	79	22635	4.15	ng	#	88
4) n-Nitrosodimethylamine	3.634	42	8496	3.43	ng	#	82
6) Aniline	7.087	93	35631	4.69	ng		96
8) 2-Chlorophenol	7.322	128	25764	4.71	ng		95
9) Benzaldehyde	6.904	77	23087	5.22	ng		97
10) Phenol	6.945	94	32273	4.70	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	22560	4.48	ng		97
12) 1,3-Dichlorobenzene	7.651	146	30898	5.02	ng		95
13) 1,4-Dichlorobenzene	7.792	146	31083	5.02	ng		95
14) 1,2-Dichlorobenzene	8.110	146	29663	4.91	ng		94
15) Benzyl Alcohol	7.998	79	22459	4.31	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	38205	4.92	ng		99
17) 2-Methylphenol	8.192	107	20149	4.52	ng		96
18) Hexachloroethane	8.834	117	10913	4.79	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	20403	4.39	ng		98
20) 3+4-Methylphenols	8.516	107	25506	4.21	ng		99
22) Acetophenone	8.575	105	38591	4.73	ng	#	97
24) Nitrobenzene	8.951	77	31815	4.58	ng		96
25) Isophorone	9.475	82	48536	4.16	ng		99
26) 2-Nitrophenol	9.657	139	8947	4.12	ng	#	87
27) 2,4-Dimethylphenol	9.716	122	19745	4.42	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	28342	4.59	ng		95
29) 2,4-Dichlorophenol	10.186	162	20574	4.27	ng		93
30) 1,2,4-Trichlorobenzene	10.404	180	25939	4.71	ng		90
31) Naphthalene	10.592	128	81610	4.76	ng		97
33) 4-Chloroaniline	10.698	127	29332	4.28	ng		98
34) Hexachlorobutadiene	10.881	225	15318	4.72	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	21248	4.05	ng		94
37) 2-Methylnaphthalene	12.204	142	55192	4.50	ng		97
38) 1-Methylnaphthalene	12.422	142	52699	4.54	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	26115	4.85	ng		98
41) Hexachlorocyclopentadiene	12.557	237	12998	4.34	ng		97
43) 2,4,6-Trichlorophenol	12.810	196	14493	4.17	ng		95
44) 2,4,5-Trichlorophenol	12.880	196	16372	4.20	ng		94
46) 1,1'-Biphenyl	13.222	154	69653	4.70	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.257	162	54997	4.78	ng		98
48) 2-Nitroaniline	13.463	65	12006	3.58	ng		97
49) Acenaphthylene	14.104	152	77448	4.39	ng		96
50) Dimethylphthalate	13.845	163	62220	4.52	ng		99
51) 2,6-Dinitrotoluene	13.957	165	11041	3.73	ng		92
52) Acenaphthene	14.451	154	52961m	4.69	ng		
53) 3-Nitroaniline	14.286	138	10866	3.75	ng	#	86
55) Dibenzofuran	14.786	168	83029	4.63	ng		96
57) 2,4-Dinitrotoluene	14.745	165	12892	3.47	ng		91
58) Fluorene	15.433	166	64954	4.46	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.004	232	13430	4.18	ng	#	97
60) Diethylphthalate	15.210	149	58467	4.27	ng		98
61) 4-Chlorophenyl-phenyle...	15.427	204	30012	4.43	ng		97
62) 4-Nitroaniline	15.439	138	10636	3.43	ng		94
63) Azobenzene	15.721	77	64301	4.15	ng		98
66) n-Nitrosodiphenylamine	15.639	169	55111	4.49	ng		98
67) 4-Bromophenyl-phenylether	16.321	248	15889	4.29	ng		90
68) Hexachlorobenzene	16.433	284	19388	4.63	ng		98
69) Atrazine	16.592	200	15622	3.96	ng		99
71) Phenanthrene	17.162	178	103716	4.63	ng		99
72) Anthracene	17.257	178	97165	4.49	ng		98
73) Carbazole	17.521	167	92681	4.34	ng		99
74) Di-n-butylphthalate	18.098	149	80477	3.87	ng		100
75) Fluoranthene	19.180	202	105374	4.24	ng		98
78) Pyrene	19.539	202	115459	4.67	ng		97
80) Butylbenzylphthalate	20.445	149	30223	3.77	ng		100
81) Benzo(a)anthracene	21.280	228	108549	4.48	ng		98
82) 3,3'-Dichlorobenzidine	21.215	252	28363	3.95	ng		98
83) Chrysene	21.327	228	113286	4.72	ng		98
84) Bis(2-ethylhexyl)phtha...	21.221	149	40771	3.40	ng		97
85) Di-n-octyl phthalate	22.097	149	68432	3.38	ng	#	98
87) Indeno(1,2,3-cd)pyrene	25.791	276	120556	4.27	ng		100
88) Benzo(b)fluoranthene	22.856	252	109877	4.38	ng		99
89) Benzo(k)fluoranthene	22.903	252	108677	4.47	ng		99
90) Benzo(a)pyrene	23.433	252	96965	4.30	ng		97
91) Dibenzo(a,h)anthracene	25.803	278	103814	4.26	ng		97
92) Benzo(g,h,i)perylene	26.485	276	104633	4.47	ng		97

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

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