Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031522\
Data File : BM034242.D
Acq On : 15 Mar 2022 16:32
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:43:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 01:41:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	142401	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	590162	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	391087	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	814790	20.000	ng		0.00
76) Chrysene-d12	21.495	240	863723	20.000	ng		0.00
86) Perylene-d12	23.912	264	922548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	161420	20.207	ng		0.00
7) Phenol-d6	7.101	99	221793	21.144	ng		0.00
23) Nitrobenzene-d5	9.107	82	238254	21.786	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	101714	21.429	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	567301	19.326	ng		0.00
79) Terphenyl-d14	19.942	244	935832	18.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	40418	13.160	ng		98
3) Pyridine	3.766	79	101618	11.777	ng		98
4) n-Nitrosodimethylamine	3.672	42	50011	11.588	ng		95
6) Aniline	7.266	93	128013	11.044	ng		97
8) 2-Chlorophenol	7.507	128	93174	10.426	ng		98
9) Benzaldehyde	7.078	77	67847m	11.521	ng		
10) Phenol	7.125	94	110987	10.757	ng		97
11) bis(2-Chloroethyl)ether	7.366	93	94737	11.507	ng		98
12) 1,3-Dichlorobenzene	7.837	146	109748	10.447	ng		100
13) 1,4-Dichlorobenzene	7.984	146	113553	10.576	ng		97
14) 1,2-Dichlorobenzene	8.301	146	111178	10.609	ng		98
15) Benzyl Alcohol	8.184	79	85724	10.598	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.484	45	134506	12.288	ng		98
17) 2-Methylphenol	8.390	107	78852	10.850	ng		98
18) Hexachloroethane	9.043	117	41013	11.161	ng		97
19) n-Nitroso-di-n-propyla...	8.754	70	83039	12.247	ng		98
20) 3+4-Methylphenols	8.719	107	106946	10.657	ng		98
22) Acetophenone	8.772	105	150419	10.552	ng	#	97
24) Nitrobenzene	9.148	77	115191	11.314	ng		98
25) Isophorone	9.678	82	198145	11.225	ng		98
26) 2-Nitrophenol	9.866	139	45061	9.394	ng		96
27) 2,4-Dimethylphenol	9.931	122	76587	9.882	ng		95
28) bis(2-Chloroethoxy)met...	10.166	93	130485	10.932	ng		99
29) 2,4-Dichlorophenol	10.407	162	88498	9.235	ng		98
30) 1,2,4-Trichlorobenzene	10.625	180	105373	9.367	ng		97
31) Naphthalene	10.813	128	310306	10.234	ng		99
32) Benzoic acid	10.001	122	49886m	8.499	ng		
33) 4-Chloroaniline	10.919	127	116822m	9.410	ng		
34) Hexachlorobutadiene	11.107	225	66976	9.370	ng		97
35) Caprolactam	11.672	113	30697m	15.892	ng		
36) 4-Chloro-3-methylphenol	12.036	107	98574	10.447	ng		97
37) 2-Methylnaphthalene	12.419	142	219366	9.917	ng		99
38) 1-Methylnaphthalene	12.636	142	217921	10.104	ng		98
40) 1,2,4,5-Tetrachloroben...	12.789	216	115789	9.261	ng		99
41) Hexachlorocyclopentadiene	12.778	237	62209	8.517	ng		99
43) 2,4,6-Trichlorophenol	13.025	196	76128	9.628	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	82583	10.281	ng	97
46) 1,1'-Biphenyl	13.425	154	297234	9.947	ng	100
47) 2-Chloronaphthalene	13.466	162	225487	9.664	ng	97
48) 2-Nitroaniline	13.660	65	61982	11.186	ng	97
49) Acenaphthylene	14.307	152	347471	9.937	ng	98
50) Dimethylphthalate	14.042	163	299622	10.334	ng	99
51) 2,6-Dinitrotoluene	14.154	165	58838	10.255	ng	99
52) Acenaphthene	14.654	154	231196	10.006	ng	98
53) 3-Nitroaniline	14.483	138	56862	9.909	ng	94
54) 2,4-Dinitrophenol	14.683	184	26157	9.206	ng	95
55) Dibenzofuran	14.983	168	359912	9.972	ng	99
56) 4-Nitrophenol	14.783	139	40408m	8.712	ng	
57) 2,4-Dinitrotoluene	14.936	165	77923	10.444	ng	98
58) Fluorene	15.630	166	287210	9.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	77619	9.865	ng	99
60) Diethylphthalate	15.401	149	306526	10.572	ng	100
61) 4-Chlorophenyl-phenyle...	15.624	204	146572	9.434	ng	99
62) 4-Nitroaniline	15.636	138	51242m	8.604	ng	
63) Azobenzene	15.919	77	293791	11.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	44809	9.382	ng	96
66) n-Nitrosodiphenylamine	15.836	169	251659	9.866	ng	99
67) 4-Bromophenyl-phenylether	16.519	248	90891	9.875	ng	97
68) Hexachlorobenzene	16.636	284	103794	9.787	ng	98
69) Atrazine	16.783	200	88310	10.466	ng	99
70) Pentachlorophenol	16.977	266	62103m	9.693	ng	
71) Phenanthrene	17.366	178	455642	10.081	ng	99
72) Anthracene	17.460	178	437900	9.956	ng	99
73) Carbazole	17.724	167	406933	9.826	ng	99
74) Di-n-butylphthalate	18.295	149	496091	10.531	ng	99
75) Fluoranthene	19.377	202	529292	10.659	ng	100
77) Benzidine	19.565	184	94519m	5.876	ng	
78) Pyrene	19.742	202	560076	9.442	ng	100
80) Butylbenzylphthalate	20.636	149	228524	10.117	ng	98
81) Benzo(a)anthracene	21.477	228	537292	9.561	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	176623	9.306	ng	96
83) Chrysene	21.530	228	572350	10.661	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	350524	10.158	ng	100
85) Di-n-octyl phthalate	22.336	149	588408	10.759	ng	98
87) Indeno(1,2,3-cd)pyrene	26.430	276	582459	8.881	ng	99
88) Benzo(b)fluoranthene	23.171	252	498715	8.626	ng	99
89) Benzo(k)fluoranthene	23.224	252	589310	10.218	ng	99
90) Benzo(a)pyrene	23.806	252	444574m	9.358	ng	
91) Dibenzo(a,h)anthracene	26.447	278	472203	8.561	ng	100
92) Benzo(g,h,i)perylene	27.200	276	493937	9.243	ng	99

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

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