Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031522\
Data File : BM034241.D
Acq On : 15 Mar 2022 15:56
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Mar 16 01:42:50 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	141211	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	603777	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	411125	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	876885	20.000	ng		0.00
76) Chrysene-d12	21.494	240	971495	20.000	ng		0.00
86) Perylene-d12	23.912	264	1074261	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	82370	10.398	ng		0.00
7) Phenol-d6	7.101	99	109524	10.529	ng		0.00
23) Nitrobenzene-d5	9.107	82	123109	11.003	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	53798	10.782	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	310548	10.064	ng		0.00
79) Terphenyl-d14	19.942	244	529848	9.497	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	21128m	6.937	ng		
3) Pyridine	3.766	79	53014	6.196	ng	#	93
4) n-Nitrosodimethylamine	3.672	42	26652	6.227	ng	#	92
6) Aniline	7.260	93	65924	5.735	ng		99
8) 2-Chlorophenol	7.507	128	47700	5.382	ng		98
9) Benzaldehyde	7.078	77	35874m	6.143	ng		
10) Phenol	7.125	94	55909	5.464	ng		91
11) bis(2-Chloroethyl)ether	7.360	93	49603	6.076	ng		98
12) 1,3-Dichlorobenzene	7.837	146	59061	5.670	ng		99
13) 1,4-Dichlorobenzene	7.984	146	60091	5.644	ng		97
14) 1,2-Dichlorobenzene	8.301	146	57381	5.522	ng		99
15) Benzyl Alcohol	8.184	79	41917	5.226	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.484	45	71468	6.584	ng		96
17) 2-Methylphenol	8.389	107	38762	5.379	ng		95
18) Hexachloroethane	9.036	117	21420	5.878	ng		96
19) n-Nitroso-di-n-propyla...	8.754	70	43092	6.409	ng		97
20) 3+4-Methylphenols	8.713	107	52287	5.254	ng		99
22) Acetophenone	8.772	105	79084	5.423	ng	#	96
24) Nitrobenzene	9.148	77	57200m	5.492	ng		
25) Isophorone	9.678	82	103290	5.719	ng		96
26) 2-Nitrophenol	9.866	139	21499	4.381	ng		90
27) 2,4-Dimethylphenol	9.925	122	38387	4.841	ng		97
28) bis(2-Chloroethoxy)met...	10.166	93	67244	5.507	ng		98
29) 2,4-Dichlorophenol	10.401	162	43108	4.397	ng		95
30) 1,2,4-Trichlorobenzene	10.625	180	55876	4.855	ng		99
31) Naphthalene	10.813	128	166721	5.375	ng		98
33) 4-Chloroaniline	10.913	127	57438m	4.522	ng		
34) Hexachlorobutadiene	11.107	225	36254	4.958	ng		100
35) Caprolactam	11.666	113	14913m	7.546	ng		
36) 4-Chloro-3-methylphenol	12.036	107	51727	5.359	ng		98
37) 2-Methylnaphthalene	12.419	142	116396	5.143	ng		95
38) 1-Methylnaphthalene	12.636	142	113202	5.130	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	63257	4.813	ng		99
41) Hexachlorocyclopentadiene	12.772	237	31925	4.158	ng		96
43) 2,4,6-Trichlorophenol	13.024	196	39799	4.788	ng		97
44) 2,4,5-Trichlorophenol	13.089	196	42526	5.036	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.424	154	161220	5.132	ng		99
47) 2-Chloronaphthalene	13.466	162	122926	5.012	ng		99
48) 2-Nitroaniline	13.666	65	31693	5.441	ng		99
49) Acenaphthylene	14.307	152	186375	5.070	ng		100
50) Dimethylphthalate	14.042	163	162942	5.346	ng		99
51) 2,6-Dinitrotoluene	14.154	165	30446	5.048	ng		92
52) Acenaphthene	14.648	154	126816	5.221	ng		99
53) 3-Nitroaniline	14.483	138	26520	4.396	ng		90
55) Dibenzofuran	14.983	168	198787	5.240	ng		99
57) 2,4-Dinitrotoluene	14.936	165	39573	5.046	ng	#	95
58) Fluorene	15.630	166	157790	5.174	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	41538	5.022	ng		99
60) Diethylphthalate	15.401	149	165177	5.419	ng		100
61) 4-Chlorophenyl-phenyle...	15.624	204	82412	5.046	ng		99
62) 4-Nitroaniline	15.636	138	23930m	3.822	ng		
63) Azobenzene	15.912	77	161894	6.115	ng		98
65) 4,6-Dinitro-2-methylph...	15.701	198	22702	4.417	ng		97
66) n-Nitrosodiphenylamine	15.836	169	136510	4.973	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	50385	5.086	ng		96
68) Hexachlorobenzene	16.636	284	57344	5.024	ng		95
69) Atrazine	16.783	200	48645	5.357	ng		98
70) Pentachlorophenol	16.977	266	33267m	4.825	ng		
71) Phenanthrene	17.365	178	255721	5.257	ng		99
72) Anthracene	17.459	178	233713	4.937	ng		98
73) Carbazole	17.724	167	216530	4.858	ng		98
74) Di-n-butylphthalate	18.295	149	269854	5.323	ng		99
75) Fluoranthene	19.377	202	288646	5.401	ng		99
78) Pyrene	19.742	202	312827	4.689	ng		99
80) Butylbenzylphthalate	20.636	149	123130	4.846	ng		99
81) Benzo(a)anthracene	21.477	228	309383	4.894	ng		99
82) 3,3'-Dichlorobenzidine	21.412	252	93485	4.379	ng		97
83) Chrysene	21.530	228	328913	5.447	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	193755	4.992	ng		97
85) Di-n-octyl phthalate	22.336	149	328659	5.343	ng		98
87) Indeno(1,2,3-cd)pyrene	26.429	276	335629	4.395	ng		99
88) Benzo(b)fluoranthene	23.171	252	305007	4.531	ng		100
89) Benzo(k)fluoranthene	23.224	252	313062	4.662	ng		99
90) Benzo(a)pyrene	23.800	252	262938m	4.753	ng		
91) Dibenzo(a,h)anthracene	26.447	278	262559	4.088	ng		98
92) Benzo(g,h,i)perylene	27.194	276	291868	4.691	ng		99

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

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