Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037259.D
Acq On : 28 Oct 2022 17:09
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 02:58:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	458905	20.000	ng		0.00
21) Naphthalene-d8	10.680	136	1746269	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	990070	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1832948	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1449536	20.000	ng		0.00
86) Perylene-d12	23.785	264	1244624	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	4052180	156.710	ng		0.00
7) Phenol-d6	7.057	99	5771527	158.901	ng		0.01
23) Nitrobenzene-d5	9.051	82	5647025	172.966	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	2075908	267.339	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	12115885	188.691	ng		0.00
79) Terphenyl-d14	19.868	244	12267210	168.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	744307	66.804	ng		98
3) Pyridine	3.734	79	2439604m	70.938	ng		
4) n-Nitrosodimethylamine	3.646	42	1021234	68.415	ng		97
6) Aniline	7.216	93	3460589	75.038	ng		100
8) 2-Chlorophenol	7.445	128	2503414	81.137	ng		99
9) Benzaldehyde	7.022	77	1280920	55.060	ng		99
10) Phenol	7.086	94	3153716	75.807	ng		99
11) bis(2-Chloroethyl)ether	7.310	93	2484526	73.114	ng		100
12) 1,3-Dichlorobenzene	7.763	146	2702448	79.945	ng		98
13) 1,4-Dichlorobenzene	7.910	146	2755647	79.543	ng		99
14) 1,2-Dichlorobenzene	8.228	146	2645854	79.732	ng		99
15) Benzyl Alcohol	8.128	79	2123851	75.049	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.416	45	3454421	69.601	ng		99
17) 2-Methylphenol	8.328	107	2082966	76.684	ng		99
18) Hexachloroethane	8.951	117	999732	78.225	ng		99
19) n-Nitroso-di-n-propyla...	8.704	70	1979703	71.755	ng		98
20) 3+4-Methylphenols	8.669	107	2915887	78.089	ng		99
22) Acetophenone	8.710	105	3675344	83.852	ng	#	99
24) Nitrobenzene	9.092	77	2832469	82.036	ng		98
25) Isophorone	9.622	82	4924689	81.593	ng		99
26) 2-Nitrophenol	9.798	139	1407820	121.723	ng		99
27) 2,4-Dimethylphenol	9.863	122	1956746	87.614	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	2913833	79.809	ng		100
29) 2,4-Dichlorophenol	10.333	162	2293382	97.253	ng		99
30) 1,2,4-Trichlorobenzene	10.545	180	2475922	97.509	ng		99
31) Naphthalene	10.733	128	7847727	83.184	ng		99
32) Benzoic acid	10.069	122	1845035	108.236	ng		99
33) 4-Chloroaniline	10.851	127	3249201	85.679	ng		99
34) Hexachlorobutadiene	11.004	225	1395372	100.482	ng		99
35) Caprolactam	11.692	113	733249	90.105	ng		98
36) 4-Chloro-3-methylphenol	11.980	107	2344754	84.577	ng		99
37) 2-Methylnaphthalene	12.339	142	5516712	87.053	ng		99
38) 1-Methylnaphthalene	12.557	142	5387290	86.860	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	2539503	104.485	ng		99
41) Hexachlorocyclopentadiene	12.674	237	1272586	106.892	ng		99
43) 2,4,6-Trichlorophenol	12.951	196	1836003	110.183	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	2013622	108.565	ng	98
46) 1,1'-Biphenyl	13.351	154	6561890	89.899	ng	99
47) 2-Chloronaphthalene	13.392	162	5173402	92.296	ng	99
48) 2-Nitroaniline	13.610	65	1615578	90.547	ng	97
49) Acenaphthylene	14.239	152	8121653	89.471	ng	99
50) Dimethylphthalate	13.986	163	6204274	88.862	ng	99
51) 2,6-Dinitrotoluene	14.104	165	1392031	99.784	ng	95
52) Acenaphthene	14.580	154	5008454	88.787	ng	98
53) 3-Nitroaniline	14.439	138	1559532	93.117	ng	97
54) 2,4-Dinitrophenol	14.639	184	850056	121.418	ng	94
55) Dibenzofuran	14.910	168	7639664	89.451	ng	99
56) 4-Nitrophenol	14.745	139	1221904	91.261	ng	99
57) 2,4-Dinitrotoluene	14.892	165	1874551	103.398	ng	97
58) Fluorene	15.557	166	6496843	92.849	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.139	232	1661293	108.299	ng	97
60) Diethylphthalate	15.339	149	6058000	83.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	3079649	100.712	ng	99
62) 4-Nitroaniline	15.604	138	1552324m	90.387	ng	
63) Azobenzene	15.845	77	5832116	72.417	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	1076487	118.117	ng	98
66) n-Nitrosodiphenylamine	15.774	169	5245209	92.621	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	1822241	107.808	ng	99
68) Hexachlorobenzene	16.556	284	2139441	114.302	ng	97
69) Atrazine	16.727	200	1359694	87.156	ng	100
70) Pentachlorophenol	16.904	266	1297787	112.975	ng	99
71) Phenanthrene	17.298	178	9313221	90.755	ng	98
72) Anthracene	17.386	178	8976467	91.735	ng	99
73) Carbazole	17.662	167	8080814	88.477	ng	99
74) Di-n-butylphthalate	18.221	149	9317350	81.466	ng	99
75) Fluoranthene	19.309	202	9728341	92.139	ng	98
77) Benzidine	19.497	184	1762767	57.962	ng	99
78) Pyrene	19.668	202	9864365	90.367	ng	97
80) Butylbenzylphthalate	20.562	149	3658276	81.298	ng	99
81) Benzo(a)anthracene	21.409	228	8373570	88.938	ng	98
82) 3,3'-Dichlorobenzidine	21.350	252	2440738	95.501	ng	98
83) Chrysene	21.462	228	7917071	87.305	ng	97
84) Bis(2-ethylhexyl)phtha...	21.333	149	4849829	73.420	ng	97
85) Di-n-octyl phthalate	22.244	149	7190058	67.593	ng	99
87) Indeno(1,2,3-cd)pyrene	26.250	276	9022863	109.775	ng	99
88) Benzo(b)fluoranthene	23.068	252	7325848	92.882	ng	99
89) Benzo(k)fluoranthene	23.121	252	7425744	91.504	ng	99
90) Benzo(a)pyrene	23.685	252	6103568	96.222	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	7460397	108.955	ng	100
92) Benzo(g,h,i)perylene	26.997	276	7160399	107.709	ng	99

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

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