Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
Data File : BM034090.D
Acq On : 25 Feb 2022 23:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

Quant Time: Feb 26 04:02:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 26 03:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	155758	20.000	ng		0.00
21) Naphthalene-d8	10.819	136	605216	20.000	ng	#	0.00
39) Acenaphthene-d10	14.636	164	429987	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	949496	20.000	ng	#	0.00
76) Chrysene-d12	21.547	240	987080	20.000	ng	#	0.00
86) Perylene-d12	24.000	264	1011736	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.548	112	683332	78.206	ng		0.00
7) Phenol-d6	7.154	99	860568	75.003	ng		0.00
23) Nitrobenzene-d5	9.166	82	881455	78.597	ng		0.00
42) 2,4,6-Tribromophenol	16.118	330	497192	95.272	ng		0.00
45) 2-Fluorobiphenyl	13.272	172	2550493	79.026	ng		0.00
79) Terphenyl-d14	19.995	244	4506775	79.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	127877	38.066	ng		84
3) Pyridine	3.813	79	349342	37.016	ng		89
4) n-Nitrosodimethylamine	3.719	42	185970	39.394	ng		87
6) Aniline	7.319	93	467209	36.851	ng		92
8) 2-Chlorophenol	7.560	128	386466	39.536	ng	#	82
9) Benzaldehyde	7.131	77	222455	34.536	ng		86
10) Phenol	7.178	94	414289	36.710	ng		95
11) bis(2-Chloroethyl)ether	7.419	93	321823	35.739	ng		88
12) 1,3-Dichlorobenzene	7.890	146	459975	40.032	ng	#	94
13) 1,4-Dichlorobenzene	8.037	146	471359	40.135	ng		95
14) 1,2-Dichlorobenzene	8.360	146	455960	39.779	ng		94
15) Benzyl Alcohol	8.237	79	342467	38.708	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.537	45	368381	30.767	ng		91
17) 2-Methylphenol	8.442	107	302942	38.110	ng		94
18) Hexachloroethane	9.095	117	159138	39.593	ng	#	83
19) n-Nitroso-di-n-propyla...	8.813	70	274239	36.979	ng	#	93
20) 3+4-Methylphenols	8.772	107	415296	37.836	ng		95
22) Acetophenone	8.825	105	568588	38.895	ng	#	91
24) Nitrobenzene	9.207	77	400292	38.340	ng	#	87
25) Isophorone	9.736	82	690916	38.167	ng	#	92
26) 2-Nitrophenol	9.919	139	217250	44.163	ng	#	80
27) 2,4-Dimethylphenol	9.983	122	303551	38.193	ng		95
28) bis(2-Chloroethoxy)met...	10.219	93	444732	36.333	ng	#	98
29) 2,4-Dichlorophenol	10.460	162	410829	41.807	ng		94
30) 1,2,4-Trichlorobenzene	10.678	180	479629	41.576	ng		97
31) Naphthalene	10.866	128	1209359	38.893	ng		99
32) Benzoic acid	10.048	122	42724m	7.098	ng		
33) 4-Chloroaniline	10.966	127	503107	39.517	ng	#	89
34) Hexachlorobutadiene	11.166	225	317604	43.330	ng		96
35) Caprolactam	11.742	113	118654	59.898	ng	#	58
36) 4-Chloro-3-methylphenol	12.089	107	398046	41.137	ng	#	84
37) 2-Methylnaphthalene	12.472	142	909401	40.087	ng		96
38) 1-Methylnaphthalene	12.689	142	890789	40.273	ng		99
40) 1,2,4,5-Tetrachloroben...	12.842	216	560819	40.796	ng	#	97
41) Hexachlorocyclopentadiene	12.830	237	331277	41.253	ng		100
43) 2,4,6-Trichlorophenol	13.072	196	394780	45.412	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.142	196	415430	47.041	ng	#	91
46) 1,1'-Biphenyl	13.477	154	1265021	38.506	ng		96
47) 2-Chloronaphthalene	13.519	162	996696	38.853	ng		95
48) 2-Nitroaniline	13.713	65	249554	40.963	ng	#	73
49) Acenaphthylene	14.360	152	1521576	39.578	ng		99
50) Dimethylphthalate	14.095	163	1338766	41.996	ng		99
51) 2,6-Dinitrotoluene	14.207	165	272715	43.233	ng	#	80
52) Acenaphthene	14.701	154	945104	37.204	ng		99
53) 3-Nitroaniline	14.530	138	271823	43.082	ng	#	77
54) 2,4-Dinitrophenol	14.730	184	17977	9.195	ng	#	59
55) Dibenzofuran	15.036	168	1593748	40.165	ng		98
56) 4-Nitrophenol	14.824	139	182688	35.822	ng	#	82
57) 2,4-Dinitrotoluene	14.989	165	371695	45.312	ng	#	74
58) Fluorene	15.683	166	1313540	41.179	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.260	232	375039	43.355	ng	#	88
60) Diethylphthalate	15.454	149	1364738	42.812	ng		99
61) 4-Chlorophenyl-phenyle...	15.677	204	717906	42.027	ng		94
62) 4-Nitroaniline	15.689	138	291728	44.553	ng		89
63) Azobenzene	15.965	77	1058471	38.225	ng		92
65) 4,6-Dinitro-2-methylph...	15.748	198	49495	8.893	ng	#	70
66) n-Nitrosodiphenylamine	15.889	169	1147886	38.615	ng		99
67) 4-Bromophenyl-phenylether	16.571	248	444063	41.400	ng	#	91
68) Hexachlorobenzene	16.689	284	509779	41.248	ng	#	90
69) Atrazine	16.836	200	439094	44.654	ng		95
70) Pentachlorophenol	17.024	266	223033	29.872	ng		99
71) Phenanthrene	17.418	178	2086830	39.622	ng		99
72) Anthracene	17.512	178	2071466	40.416	ng		99
73) Carbazole	17.777	167	1968459	40.789	ng		99
74) Di-n-butylphthalate	18.348	149	2312957	42.132	ng		99
75) Fluoranthene	19.430	202	2456608	42.455	ng		96
77) Benzidine	19.606	184	852544	46.378	ng		100
78) Pyrene	19.789	202	2541543	37.491	ng		99
80) Butylbenzylphthalate	20.683	149	1024138	39.673	ng		86
81) Benzo(a)anthracene	21.536	228	2567131	39.971	ng		99
82) 3,3'-Dichlorobenzidine	21.459	252	944526	43.545	ng		98
83) Chrysene	21.589	228	2472335	40.298	ng		100
84) Bis(2-ethylhexyl)phtha...	21.465	149	1571257	39.845	ng	#	98
85) Di-n-octyl phthalate	22.406	149	2541360	40.662	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.571	276	2985753	41.510	ng	#	94
88) Benzo(b)fluoranthene	23.253	252	2530120	39.905	ng	#	97
89) Benzo(k)fluoranthene	23.306	252	2524827	39.918	ng	#	96
90) Benzo(a)pyrene	23.894	252	2102914	40.362	ng	#	98
91) Dibenzo(a,h)anthracene	26.582	278	2497374	41.284	ng		95
92) Benzo(g,h,i)perylene	27.353	276	2435606	41.561	ng	#	96

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

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