Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011686.D
Acq On : 13 Sep 2022 15:03
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091322

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Quant Time: Sep 13 19:22:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 15:49:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	422306	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1662758	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	962187	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1864430	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	1739785	20.000	ng	# 0.00
86) Perylene-d12	23.904	264	1687656	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1878465	80.153	ng	0.00
7) Phenol-d6	7.117	99	2474864	80.889	ng	0.00
23) Nitrobenzene-d5	9.122	82	2224624	82.161	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	641676	77.049	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	4918047	79.170	ng	0.00
79) Terphenyl-d14	19.904	244	6346467	80.046	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	400955	39.515	ng	# 79
3) Pyridine	3.799	79	1184397	41.038	ng	# 75
4) n-Nitrosodimethylamine	3.705	42	411501	39.786	ng	# 37
6) Aniline	7.281	93	1509244	40.476	ng	89
8) 2-Chlorophenol	7.516	128	1094252	40.182	ng	91
9) Benzaldehyde	7.093	77	779208	40.417	ng	88
10) Phenol	7.140	94	1382924	40.587	ng	81
11) bis(2-Chloroethyl)ether	7.381	93	1057606	39.886	ng	90
12) 1,3-Dichlorobenzene	7.846	146	1190241	39.152	ng	# 91
13) 1,4-Dichlorobenzene	7.993	146	1208784	39.024	ng	97
14) 1,2-Dichlorobenzene	8.311	146	1158183	39.414	ng	97
15) Benzyl Alcohol	8.199	79	884569	41.202	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1292538	39.954	ng	90
17) 2-Methylphenol	8.399	107	896109	40.613	ng	# 90
18) Hexachloroethane	9.046	117	414341	40.333	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	762878	40.975	ng	# 79
20) 3+4-Methylphenols	8.728	107	1224566	40.545	ng	92
22) Acetophenone	8.787	105	1554016	40.237	ng	# 85
24) Nitrobenzene	9.163	77	1149791	40.775	ng	# 88
25) Isophorone	9.699	82	1969371	41.942	ng	94
26) 2-Nitrophenol	9.881	139	503574	38.484	ng	# 79
27) 2,4-Dimethylphenol	9.940	122	848454	41.008	ng	89
28) bis(2-Chloroethoxy)met...	10.181	93	1235360	40.469	ng	98
29) 2,4-Dichlorophenol	10.410	162	946806	40.958	ng	97
30) 1,2,4-Trichlorobenzene	10.634	180	1014726	38.899	ng	99
31) Naphthalene	10.822	128	3400411	39.382	ng	99
32) Benzoic acid	10.063	122	630231	38.110	ng	# 86
33) 4-Chloroaniline	10.928	127	1389266	40.525	ng	# 91
34) Hexachlorobutadiene	11.110	225	562539	38.619	ng	98
35) Caprolactam	11.722	113	302531	41.302	ng	# 67
36) 4-Chloro-3-methylphenol	12.046	107	1005633	41.553	ng	90
37) 2-Methylnaphthalene	12.428	142	2304995	40.107	ng	96
38) 1-Methylnaphthalene	12.646	142	2250025	40.043	ng	99
40) 1,2,4,5-Tetrachloroben...	12.793	216	1012377	38.768	ng	99
41) Hexachlorocyclopentadiene	12.775	237	507104	40.194	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	708971	40.809	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.099	196	789981	40.483	ng		97
46)	1,1'-Biphenyl	13.434	154	2755681	39.584	ng		100
47)	2-Chloronaphthalene	13.475	162	2157082	39.394	ng		98
48)	2-Nitroaniline	13.675	65	627867	38.983	ng	#	83
49)	Acenaphthylene	14.322	152	3456187	40.966	ng		99
50)	Dimethylphthalate	14.057	163	2636516	39.453	ng		100
51)	2,6-Dinitrotoluene	14.175	165	567661	42.142	ng	#	79
52)	Acenaphthene	14.663	154	2233041m	39.589	ng		
53)	3-Nitroaniline	14.498	138	660685	38.738	ng		90
54)	2,4-Dinitrophenol	14.704	184	260700	37.623	ng	#	83
55)	Dibenzofuran	14.998	168	3228935	39.161	ng		96
56)	4-Nitrophenol	14.798	139	543506	40.582	ng	#	71
57)	2,4-Dinitrotoluene	14.957	165	743650	38.607	ng	#	83
58)	Fluorene	15.645	166	2640386	39.584	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.222	232	651341	39.638	ng		96
60)	Diethylphthalate	15.422	149	2629522	40.170	ng		99
61)	4-Chlorophenyl-phenyle...	15.640	204	1215921	39.071	ng		98
62)	4-Nitroaniline	15.663	138	687964	38.703	ng	#	77
63)	Azobenzene	15.934	77	2504905	41.830	ng		88
65)	4,6-Dinitro-2-methylph...	15.716	198	364883	37.805	ng		86
66)	n-Nitrosodiphenylamine	15.857	169	2230594	40.936	ng		98
67)	4-Bromophenyl-phenylether	16.540	248	700993	39.733	ng		99
68)	Hexachlorobenzene	16.651	284	761703	38.423	ng		97
69)	Atrazine	16.810	200	686074	40.750	ng		97
70)	Pentachlorophenol	16.998	266	483098	41.338	ng		99
71)	Phenanthrene	17.398	178	4023293	39.763	ng		98
72)	Anthracene	17.487	178	3928054	41.133	ng		98
73)	Carbazole	17.757	167	3715364	41.010	ng		99
74)	Di-n-butylphthalate	18.304	149	4314466	42.687	ng		99
75)	Fluoranthene	19.357	202	4428574	39.892	ng		96
77)	Benzidine	19.534	184	1774875	43.487	ng		99
78)	Pyrene	19.710	202	4597900	40.679	ng		98
80)	Butylbenzylphthalate	20.581	149	1922396	38.717	ng		91
81)	Benzo(a)anthracene	21.422	228	4449395	40.239	ng		97
82)	3,3'-Dichlorobenzidine	21.351	252	1416693	40.985	ng		99
83)	Chrysene	21.475	228	4249922	39.889	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.339	149	2746504	39.507	ng	#	99
85)	Di-n-octyl phthalate	22.292	149	4550495	38.795	ng	#	91
87)	Indeno(1,2,3-cd)pyrene	26.492	276	4930642	40.166	ng	#	92
88)	Benzo(b)fluoranthene	23.145	252	4266126	40.963	ng	#	97
89)	Benzo(k)fluoranthene	23.198	252	4149400	39.936	ng	#	96
90)	Benzo(a)pyrene	23.792	252	3484905	40.691	ng	#	96
91)	Dibenzo(a,h)anthracene	26.510	278	4117318	40.377	ng	#	95
92)	Benzo(g,h,i)perylene	27.286	276	4040095	40.324	ng	#	92

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

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