Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091422\
Data File : BP011702.D
Acq On : 14 Sep 2022 19:02
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 05:11:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 19:12:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	428581	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	1754830	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	1021549	20.000	ng		0.00
64) Phenanthrene-d10	17.334	188	1991058	20.000	ng	#	0.00
76) Chrysene-d12	21.410	240	1779101	20.000	ng	#	0.00
86) Perylene-d12	23.863	264	1697149	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1870735	79.451	ng		0.00
7) Phenol-d6	7.099	99	2562565	81.645	ng		0.00
23) Nitrobenzene-d5	9.110	82	2387273	80.681	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	677020	84.821	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	5223824	79.488	ng		0.00
79) Terphenyl-d14	19.886	244	6660601	81.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	391161	37.723	ng	#	81
3) Pyridine	3.787	79	1173929	39.270	ng	#	76
4) n-Nitrosodimethylamine	3.693	42	438088	38.227	ng	#	42
6) Aniline	7.263	93	1574510	40.723	ng		90
8) 2-Chlorophenol	7.505	128	1127793	40.395	ng		91
9) Benzaldehyde	7.075	77	818333	40.732	ng		90
10) Phenol	7.128	94	1426216	40.400	ng		81
11) bis(2-Chloroethyl)ether	7.363	93	1115101	39.652	ng		91
12) 1,3-Dichlorobenzene	7.828	146	1217166	39.312	ng	#	92
13) 1,4-Dichlorobenzene	7.975	146	1249560	39.684	ng		96
14) 1,2-Dichlorobenzene	8.293	146	1183614	39.431	ng		97
15) Benzyl Alcohol	8.181	79	930906	41.546	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1458644	38.832	ng		92
17) 2-Methylphenol	8.381	107	945411	41.246	ng	#	91
18) Hexachloroethane	9.028	117	435292	39.968	ng		94
19) n-Nitroso-di-n-propyla...	8.758	70	838209	41.247	ng	#	81
20) 3+4-Methylphenols	8.716	107	1301647	41.350	ng		92
22) Acetophenone	8.769	105	1642809	39.935	ng	#	87
24) Nitrobenzene	9.152	77	1226648	39.845	ng	#	88
25) Isophorone	9.681	82	2148231	41.042	ng		94
26) 2-Nitrophenol	9.863	139	534872	38.574	ng	#	80
27) 2,4-Dimethylphenol	9.922	122	889986	40.669	ng		90
28) bis(2-Chloroethoxy)met...	10.163	93	1325716	39.608	ng		99
29) 2,4-Dichlorophenol	10.399	162	1001876	41.329	ng		97
30) 1,2,4-Trichlorobenzene	10.616	180	1065403	39.698	ng		97
31) Naphthalene	10.804	128	3584223	39.359	ng		100
32) Benzoic acid	10.052	122	667679	37.932	ng		86
33) 4-Chloroaniline	10.910	127	1452637	40.658	ng	#	92
34) Hexachlorobutadiene	11.093	225	591377	40.001	ng		99
35) Caprolactam	11.704	113	322877	41.106	ng	#	70
36) 4-Chloro-3-methylphenol	12.034	107	1070196	41.050	ng		91
37) 2-Methylnaphthalene	12.410	142	2440826	40.051	ng		96
38) 1-Methylnaphthalene	12.628	142	2371406	39.799	ng		98
40) 1,2,4,5-Tetrachloroben...	12.775	216	1076234	39.918	ng		99
41) Hexachlorocyclopentadiene	12.757	237	541979	40.273	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	764029	41.660	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	846116	41.264	ng		98
46) 1,1'-Biphenyl	13.416	154	2953071	39.737	ng		99
47) 2-Chloronaphthalene	13.457	162	2301940	39.369	ng		99
48) 2-Nitroaniline	13.663	65	681840	41.582	ng	#	78
49) Acenaphthylene	14.304	152	3660385	40.458	ng		99
50) Dimethylphthalate	14.040	163	2845836	39.932	ng		100
51) 2,6-Dinitrotoluene	14.157	165	601948	41.653	ng	#	84
52) Acenaphthene	14.645	154	2399731m	39.875	ng		
53) 3-Nitroaniline	14.487	138	699435	38.679	ng		91
54) 2,4-Dinitrophenol	14.687	184	282771	37.665	ng		86
55) Dibenzofuran	14.981	168	3429532	39.573	ng		98
56) 4-Nitrophenol	14.781	139	572624	40.780	ng	#	73
57) 2,4-Dinitrotoluene	14.940	165	800493	38.748	ng	#	84
58) Fluorene	15.628	166	2789033	39.678	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	695317	41.276	ng		95
60) Diethylphthalate	15.404	149	2875436	40.527	ng		99
61) 4-Chlorophenyl-phenyle...	15.622	204	1307273	40.232	ng		98
62) 4-Nitroaniline	15.651	138	715787	38.762	ng	#	77
63) Azobenzene	15.916	77	2761467	40.501	ng		90
65) 4,6-Dinitro-2-methylph...	15.704	198	395407	38.197	ng		87
66) n-Nitrosodiphenylamine	15.839	169	2380631	40.185	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	757710	40.652	ng		99
68) Hexachlorobenzene	16.634	284	806576	40.181	ng		97
69) Atrazine	16.792	200	740869	40.970	ng		96
70) Pentachlorophenol	16.981	266	525341	41.253	ng		99
71) Phenanthrene	17.375	178	4298810	39.679	ng		98
72) Anthracene	17.469	178	4119018	40.199	ng		98
73) Carbazole	17.734	167	3894529	40.288	ng		99
74) Di-n-butylphthalate	18.286	149	4764070	40.889	ng		99
75) Fluoranthene	19.339	202	4689957	40.138	ng		96
77) Benzidine	19.516	184	1607504	37.993	ng		98
78) Pyrene	19.686	202	4834701	40.291	ng		98
80) Butylbenzylphthalate	20.557	149	2133721	42.434	ng		94
81) Benzo(a)anthracene	21.398	228	4564718	39.807	ng		97
82) 3,3'-Dichlorobenzidine	21.327	252	1437535	41.275	ng	#	99
83) Chrysene	21.451	228	4321288	39.441	ng		97
84) Bis(2-ethylhexyl)phtha...	21.322	149	3039168	42.014	ng		99
85) Di-n-octyl phthalate	22.263	149	5049607	40.680	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.433	276	4932459	40.341	ng	#	91
88) Benzo(b)fluoranthene	23.116	252	4229982	40.299	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	4280824	40.471	ng	#	96
90) Benzo(a)pyrene	23.757	252	3543795	40.868	ng	#	96
91) Dibenzo(a,h)anthracene	26.451	278	4105912	40.441	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	3989990	40.311	ng	#	92

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

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