Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
Data File : BP011791.D
Acq On : 23 Sep 2022 19:54
Operator : CG/JU
Sample : N4732-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 01:38:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	449882	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1814632	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	950361	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1703467	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1172493	20.000	ng	0.00
86) Perylene-d12	23.845	264	923150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4139502	161.446	ng	0.00
7) Phenol-d6	7.087	99	5068533	133.693	ng	0.00
23) Nitrobenzene-d5	9.087	82	3470801	100.110	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1113074	173.939	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	6452012	107.361	ng	0.00
79) Terphenyl-d14	19.869	244	6952524	136.344	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	477950	44.335	ng	# 52
3) Pyridine	3.781	79	1071938	32.219	ng	92
4) n-Nitrosodimethylamine	3.681	42	587858	39.955	ng	# 86
6) Aniline	7.246	93	1567101	33.229	ng	99
8) 2-Chlorophenol	7.481	128	1645758	52.758	ng	96
9) Benzaldehyde	7.052	77	870960m	36.720	ng	
10) Phenol	7.111	94	1892261	44.310	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1706594	50.485	ng	98
12) 1,3-Dichlorobenzene	7.805	146	1620624	49.440	ng	99
13) 1,4-Dichlorobenzene	7.952	146	1655287	49.279	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1606515	48.887	ng	100
15) Benzyl Alcohol	8.163	79	1331517m	47.536	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2478210	44.383	ng	98
17) 2-Methylphenol	8.363	107	1336915	47.763	ng	98
18) Hexachloroethane	8.999	117	626722	48.734	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	1213098	43.525	ng	96
20) 3+4-Methylphenols	8.693	107	1778153	45.245	ng	99
22) Acetophenone	8.746	105	2433778	53.393	ng	# 98
24) Nitrobenzene	9.128	77	1814450	50.652	ng	97
25) Isophorone	9.657	82	3372220	51.847	ng	99
26) 2-Nitrophenol	9.840	139	784712	53.809	ng	97
27) 2,4-Dimethylphenol	9.899	122	1450140	63.128	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	2142895	56.534	ng	99
29) 2,4-Dichlorophenol	10.375	162	1391269	56.605	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	1355929	52.981	ng	99
31) Naphthalene	10.781	128	4789606	49.786	ng	100
32) Benzoic acid	10.057	122	879753	45.188	ng	98
33) 4-Chloroaniline	10.893	127	840557	20.956	ng	99
34) Hexachlorobutadiene	11.063	225	710224	55.021	ng	96
35) Caprolactam	11.698	113	377734	37.815	ng	91
36) 4-Chloro-3-methylphenol	12.016	107	1490192	49.956	ng	98
37) 2-Methylnaphthalene	12.387	142	3236980	48.722	ng	99
38) 1-Methylnaphthalene	12.604	142	3078141	47.049	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1383945	64.616	ng	99
41) Hexachlorocyclopentadiene	12.734	237	1746442	166.264	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	943377	60.848	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	1030583	57.833	ng	99
46)	1,1'-Biphenyl	13.398	154	4042466	58.545	ng	99
47)	2-Chloronaphthalene	13.440	162	2991779	55.860	ng	99
48)	2-Nitroaniline	13.645	65	988972	51.791	ng	92
49)	Acenaphthylene	14.281	152	4803560	54.034	ng	100
50)	Dimethylphthalate	14.022	163	3559051	51.076	ng	100
51)	2,6-Dinitrotoluene	14.140	165	772848	53.719	ng	99
52)	Acenaphthene	14.628	154	2866387	52.573	ng	100
53)	3-Nitroaniline	14.469	138	703678	39.935	ng	98
54)	2,4-Dinitrophenol	14.675	184	812497	104.666	ng	94
55)	Dibenzofuran	14.957	168	4340976	51.946	ng	100
56)	4-Nitrophenol	14.775	139	1374543	93.935	ng	97
57)	2,4-Dinitrotoluene	14.928	165	1022627	47.862	ng	94
58)	Fluorene	15.610	166	3540350	49.936	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.187	232	756779m	52.014	ng	
60)	Diethylphthalate	15.387	149	3624917	49.822	ng	100
61)	4-Chlorophenyl-phenyle...	15.604	204	1604498	54.130	ng	100
62)	4-Nitroaniline	15.634	138	849212	41.557	ng	98
63)	Azobenzene	15.898	77	3859724	48.448	ng	98
65)	4,6-Dinitro-2-methylph...	15.687	198	438580	50.473	ng	98
66)	n-Nitrosodiphenylamine	15.822	169	2952207	58.163	ng	98
67)	4-Bromophenyl-phenylether	16.504	248	850004	60.846	ng	96
68)	Hexachlorobenzene	16.616	284	871476	58.712	ng	97
69)	Atrazine	16.781	200	897322	61.049	ng	100
70)	Pentachlorophenol	16.963	266	1127067	104.143	ng	98
71)	Phenanthrene	17.357	178	5017161	52.220	ng	100
72)	Anthracene	17.451	178	5082464	55.308	ng	100
73)	Carbazole	17.722	167	4716934	52.411	ng	100
74)	Di-n-butylphthalate	18.269	149	5882994	54.268	ng	100
75)	Fluoranthene	19.322	202	5119784	49.017	ng	99
77)	Benzidine	19.504	184	1291964	56.775	ng	99
78)	Pyrene	19.675	202	5218673	66.610	ng	99
80)	Butylbenzylphthalate	20.545	149	2195361	57.071	ng	97
81)	Benzo(a)anthracene	21.386	228	4223975	54.601	ng	100
82)	3,3'-Dichlorobenzidine	21.316	252	1137267	50.408	ng	99
83)	Chrysene	21.439	228	3899282	53.195	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.304	149	3254008	57.681	ng	98
85)	Di-n-octyl phthalate	22.245	149	4897600	54.787	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.404	276	3572631	49.459	ng	100
88)	Benzo(b)fluoranthene	23.098	252	3573124	62.341	ng	99
89)	Benzo(k)fluoranthene	23.145	252	3539476	60.268	ng	99
90)	Benzo(a)pyrene	23.739	252	3004863	61.965	ng	99
91)	Dibenzo(a,h)anthracene	26.421	278	3111172	51.876	ng	98
92)	Benzo(g,h,i)perylene	27.186	276	3051314	52.559	ng	99

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

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