Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
Data File : BP013116.D
Acq On : 15 Dec 2022 12:18
Operator : CG/JU
Sample : N6024-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-QMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 05:40:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 03:29:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	550182	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1985041	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1052881	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2049566	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1998610	20.000	ng	0.00
86) Perylene-d12	23.921	264	2410289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	4177583	138.736	ng	0.00
7) Phenol-d6	7.122	99	4846531	123.246	ng	0.00
23) Nitrobenzene-d5	9.128	82	3168126	87.497	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1841344	145.051	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	6827082	88.041	ng	0.00
79) Terphenyl-d14	19.904	244	9093522	89.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	590659	44.271	ng	# 55
3) Pyridine	3.799	79	1207982	31.881	ng	98
4) n-Nitrosodimethylamine	3.699	42	774907	45.636	ng	96
6) Aniline	7.287	93	837618	17.590	ng	99
8) 2-Chlorophenol	7.522	128	1586448	44.691	ng	98
9) Benzaldehyde	7.093	77	569588	24.140	ng	98
10) Phenol	7.146	94	1763886	40.073	ng	97
11) bis(2-Chloroethyl)ether	7.381	93	1590516	44.883	ng	99
12) 1,3-Dichlorobenzene	7.846	146	1807579	43.766	ng	99
13) 1,4-Dichlorobenzene	7.993	146	1827661	43.451	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1751228	43.866	ng	98
15) Benzyl Alcohol	8.205	79	1263331m	44.286	ng	
16) 2,2'-oxybis(1-Chloropr...	8.493	45	2308166m	44.970	ng	
17) 2-Methylphenol	8.405	107	1220801	41.960	ng	99
18) Hexachloroethane	9.046	117	637336	44.743	ng	96
19) n-Nitroso-di-n-propyla...	8.775	70	1105804	43.298	ng	99
20) 3+4-Methylphenols	8.734	107	1596599	40.365	ng	100
22) Acetophenone	8.787	105	2247574	45.501	ng	99
24) Nitrobenzene	9.169	77	1674140	44.363	ng	100
25) Isophorone	9.699	82	2905736	47.250	ng	100
26) 2-Nitrophenol	9.881	139	802187	42.182	ng	100
27) 2,4-Dimethylphenol	9.940	122	1301809	50.028	ng	99
28) bis(2-Chloroethoxy)met...	10.181	93	1909429	48.421	ng	99
29) 2,4-Dichlorophenol	10.416	162	1401683	43.646	ng	99
30) 1,2,4-Trichlorobenzene	10.634	180	1619537	42.727	ng	99
31) Naphthalene	10.822	128	4596333	42.288	ng	100
32) Benzoic acid	10.069	122	849922	38.896	ng	97
33) 4-Chloroaniline	10.934	127	332004	8.190	ng	98
34) Hexachlorobutadiene	11.105	225	1026641	42.458	ng	98
35) Caprolactam	11.728	113	329381	39.724	ng	98
36) 4-Chloro-3-methylphenol	12.052	107	1298501	43.289	ng	98
37) 2-Methylnaphthalene	12.428	142	3099167	42.398	ng	99
38) 1-Methylnaphthalene	12.646	142	2878428	40.437	ng	100
40) 1,2,4,5-Tetrachloroben...	12.793	216	1760731	46.876	ng	99
41) Hexachlorocyclopentadiene	12.769	237	2142573	113.128	ng	98
43) 2,4,6-Trichlorophenol	13.034	196	1071410	45.233	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.104	196	1140551	44.569	ng	97
46)	1,1'-Biphenyl	13.434	154	3893050	46.764	ng	100
47)	2-Chloronaphthalene	13.475	162	3011738	45.517	ng	99
48)	2-Nitroaniline	13.681	65	780410	43.917	ng	99
49)	Acenaphthylene	14.322	152	4496900	46.202	ng	99
50)	Dimethylphthalate	14.057	163	3442916	44.706	ng	100
51)	2,6-Dinitrotoluene	14.175	165	746705	47.382	ng	98
52)	Acenaphthene	14.663	154	2719593	44.946	ng	99
53)	3-Nitroaniline	14.504	138	448230	26.462	ng	98
54)	2,4-Dinitrophenol	14.710	184	924841	88.163	ng	98
55)	Dibenzofuran	14.998	168	4329713	44.714	ng	100
56)	4-Nitrophenol	14.810	139	1207105	91.657	ng	99
57)	2,4-Dinitrotoluene	14.963	165	978568	45.823	ng	99
58)	Fluorene	15.651	166	3351781	44.722	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.222	232	951376	43.491	ng	99
60)	Diethylphthalate	15.416	149	3238338	45.740	ng	99
61)	4-Chlorophenyl-phenyle...	15.640	204	1755783	45.267	ng	98
62)	4-Nitroaniline	15.669	138	682612	41.434	ng	98
63)	Azobenzene	15.934	77	3004983	45.671	ng	99
65)	4,6-Dinitro-2-methylph...	15.728	198	558158	42.392	ng	96
66)	n-Nitrosodiphenylamine	15.857	169	2836402	44.324	ng	99
67)	4-Bromophenyl-phenylether	16.540	248	1075218	44.366	ng	96
68)	Hexachlorobenzene	16.657	284	1232103	43.420	ng	98
69)	Atrazine	16.810	200	982904	54.744	ng	99
70)	Pentachlorophenol	16.998	266	1545355	92.474	ng	100
71)	Phenanthrene	17.398	178	5076222	43.526	ng	100
72)	Anthracene	17.487	178	5049536	46.119	ng	100
73)	Carbazole	17.757	167	4565046	47.561	ng	100
74)	Di-n-butylphthalate	18.298	149	5556597	52.632	ng	100
75)	Fluoranthene	19.357	202	5857002	46.659	ng	99
77)	Benzidine	19.539	184	789867	27.824	ng	99
78)	Pyrene	19.710	202	6070727	42.273	ng	100
80)	Butylbenzylphthalate	20.580	149	2345961	45.719	ng	96
81)	Benzo(a)anthracene	21.427	228	6269995	45.897	ng	99
82)	3,3'-Dichlorobenzidine	21.357	252	1492062	36.679	ng	99
83)	Chrysene	21.480	228	5939346	44.572	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.333	149	3454545	48.743	ng	99
85)	Di-n-octyl phthalate	22.286	149	5939317	50.087	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.527	276	9028809	45.845	ng	100
88)	Benzo(b)fluoranthene	23.163	252	6932187	44.670	ng	99
89)	Benzo(k)fluoranthene	23.216	252	7100185	45.227	ng	99
90)	Benzo(a)pyrene	23.816	252	6293451	48.325	ng	100
91)	Dibenzo(a,h)anthracene	26.545	278	7703408	47.066	ng	100
92)	Benzo(g,h,i)perylene	27.327	276	7590483	46.807	ng	100

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

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