Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121522\
Data File : BP013117.D
Acq On : 15 Dec 2022 12:52
Operator : CG/JU
Sample : N6024-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-QMSD

Manual Integrations APPROVED

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

Quant Time: Dec 16 05:41:23 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	7.957	152	771989	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	3080249	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	1832210	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	3613478	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2366423	20.000	ng	0.00
86) Perylene-d12	23.921	264	2214494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	5866271	138.842	ng	0.01
7) Phenol-d6	7.128	99	7193366	130.368	ng	0.00
23) Nitrobenzene-d5	9.134	82	4659055	82.922	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	3319421	150.263	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	10531880	78.048	ng	0.00
79) Terphenyl-d14	19.904	244	12146705	101.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	707138	37.773	ng	# 55
3) Pyridine	3.811	79	1623479	30.536	ng	99
4) n-Nitrosodimethylamine	3.705	42	1029003	43.188	ng	99
6) Aniline	7.287	93	1118681	16.743	ng	98
8) 2-Chlorophenol	7.522	128	2334553	46.870	ng	99
9) Benzaldehyde	7.099	77	670757	20.260	ng	99
10) Phenol	7.152	94	2663643	43.128	ng	99
11) bis(2-Chloroethyl)ether	7.381	93	2260546	45.462	ng	99
12) 1,3-Dichlorobenzene	7.846	146	2427357	41.886	ng	99
13) 1,4-Dichlorobenzene	7.999	146	2467586	41.810	ng	99
14) 1,2-Dichlorobenzene	8.316	146	2397052	42.792	ng	99
15) Benzyl Alcohol	8.204	79	1965989m	49.117	ng	
16) 2,2'-oxybis(1-Chloropr...	8.493	45	3268700m	45.387	ng	
17) 2-Methylphenol	8.404	107	1895055	46.421	ng	100
18) Hexachloroethane	9.046	117	855360	42.796	ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	1663416	46.418	ng	99
20) 3+4-Methylphenols	8.740	107	2540864	45.781	ng	100
22) Acetophenone	8.793	105	3324478	43.372	ng	99
24) Nitrobenzene	9.175	77	2478687	42.329	ng	97
25) Isophorone	9.704	82	4663848	48.873	ng	99
26) 2-Nitrophenol	9.887	139	1263781	42.784	ng	99
27) 2,4-Dimethylphenol	9.946	122	2122983	52.577	ng	100
28) bis(2-Chloroethoxy)met...	10.181	93	2975974	48.634	ng	99
29) 2,4-Dichlorophenol	10.422	162	2285196	45.857	ng	98
30) 1,2,4-Trichlorobenzene	10.634	180	2388140	40.602	ng	99
31) Naphthalene	10.822	128	6800413	40.320	ng	100
32) Benzoic acid	10.104	122	1481115	43.144	ng	99
33) 4-Chloroaniline	10.940	127	683279	10.863	ng	98
34) Hexachlorobutadiene	11.104	225	1484789	39.572	ng	99
35) Caprolactam	11.745	113	588919m	45.771	ng	
36) 4-Chloro-3-methylphenol	12.057	107	2232629	47.966	ng	99
37) 2-Methylnaphthalene	12.428	142	4837872	42.652	ng	99
38) 1-Methylnaphthalene	12.645	142	4551495	41.206	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	2756555	42.172	ng	99
41) Hexachlorocyclopentadiene	12.775	237	3366212	102.136	ng	98
43) 2,4,6-Trichlorophenol	13.034	196	1869133	45.347	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	1999168	44.892	ng	97
46) 1,1'-Biphenyl	13.434	154	6234522	43.035	ng	99
47) 2-Chloronaphthalene	13.481	162	4864355	42.246	ng	100
48) 2-Nitroaniline	13.687	65	1363655	44.091	ng	99
49) Acenaphthylene	14.322	152	7378655	43.564	ng	99
50) Dimethylphthalate	14.063	163	6008502	44.834	ng	100
51) 2,6-Dinitrotoluene	14.181	165	1334842	48.674	ng	96
52) Acenaphthene	14.663	154	4442124	42.187	ng	99
53) 3-Nitroaniline	14.510	138	808616	27.383	ng	99
54) 2,4-Dinitrophenol	14.716	184	1705417	93.208	ng	97
55) Dibenzofuran	14.998	168	7165433	42.523	ng	99
56) 4-Nitrophenol	14.816	139	2042268	89.112	ng	98
57) 2,4-Dinitrotoluene	14.969	165	1745511	46.934	ng	98
58) Fluorene	15.651	166	5464087	41.896	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.222	232	1706617	44.832	ng	99
60) Diethylphthalate	15.422	149	5668098	46.006	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	2977028	44.106	ng	99
62) 4-Nitroaniline	15.675	138	1167595	40.759	ng	97
63) Azobenzene	15.933	77	5134344	44.843	ng	99
65) 4,6-Dinitro-2-methylph...	15.728	198	1032794	44.491	ng	97
66) n-Nitrosodiphenylamine	15.857	169	4877214	43.230	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	1922049	44.983	ng	96
68) Hexachlorobenzene	16.657	284	2163209	43.239	ng	99
69) Atrazine	16.816	200	1740523	54.985	ng	99
70) Pentachlorophenol	17.004	266	2675497	90.809	ng	99
71) Phenanthrene	17.398	178	8344945	40.585	ng	99
72) Anthracene	17.492	178	8449306	43.771	ng	99
73) Carbazole	17.763	167	7317251	43.240	ng	100
74) Di-n-butylphthalate	18.298	149	9157166	49.197	ng	99
75) Fluoranthene	19.363	202	8876985	40.110	ng	99
77) Benzidine	19.539	184	428819	12.758	ng	99
78) Pyrene	19.716	202	8994442	52.897	ng	99
80) Butylbenzylphthalate	20.574	149	3309957	54.078	ng	99
81) Benzo(a)anthracene	21.427	228	7316297	45.232	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	1573203	32.662	ng	99
83) Chrysene	21.480	228	6866012	43.517	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	4654394	55.082	ng	100
85) Di-n-octyl phthalate	22.286	149	6838434	48.899	ng	99
87) Indeno(1,2,3-cd)pyrene	26.527	276	8073485	44.619	ng	100
88) Benzo(b)fluoranthene	23.163	252	6487821	45.503	ng	99
89) Benzo(k)fluoranthene	23.210	252	6506537	45.110	ng	99
90) Benzo(a)pyrene	23.810	252	5614173	46.920	ng	99
91) Dibenzo(a,h)anthracene	26.539	278	6856401	45.595	ng	100
92) Benzo(g,h,i)perylene	27.321	276	6771401	45.448	ng	100

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

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