Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013091.D
Acq On : 12 Dec 2022 19:06
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 13 02:26:11 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 02:17:11 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	542956	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1906557	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1048760	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	1973437	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1980767	20.000	ng		0.00
86) Perylene-d12	23.927	264	2141484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	3615377	144.256	ng		0.00
7) Phenol-d6	7.128	99	4681556	130.252	ng		0.00
23) Nitrobenzene-d5	9.134	82	4383903	128.238	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	1622488	137.261	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	9274214	125.983	ng		0.00
79) Terphenyl-d14	19.910	244	11093544	119.034	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	775489	73.424	ng		99
3) Pyridine	3.787	79	2273303m	67.744	ng		
4) n-Nitrosodimethylamine	3.699	42	1019573	69.475	ng		97
6) Aniline	7.287	93	2831943	62.326	ng		100
8) 2-Chlorophenol	7.528	128	2104157	65.092	ng		98
9) Benzaldehyde	7.099	77	1244341	49.531	ng		100
10) Phenol	7.152	94	2611379	63.759	ng		99
11) bis(2-Chloroethyl)ether	7.387	93	2065432	57.755	ng		100
12) 1,3-Dichlorobenzene	7.852	146	2420255	60.249	ng		100
13) 1,4-Dichlorobenzene	7.999	146	2459294	59.609	ng		99
14) 1,2-Dichlorobenzene	8.322	146	2312939	57.698	ng		99
15) Benzyl Alcohol	8.211	79	1707175	66.806	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.499	45	2914050	54.990	ng		100
17) 2-Methylphenol	8.411	107	1721505	61.541	ng		99
18) Hexachloroethane	9.052	117	852746	56.579	ng		99
19) n-Nitroso-di-n-propyla...	8.781	70	1455942	57.386	ng		98
20) 3+4-Methylphenols	8.740	107	2326991	61.777	ng		99
22) Acetophenone	8.793	105	2905595	62.429	ng	#	99
24) Nitrobenzene	9.181	77	2256729	64.512	ng		97
25) Isophorone	9.705	82	3670941	58.564	ng		100
26) 2-Nitrophenol	9.887	139	1129296	123.368	ng		98
27) 2,4-Dimethylphenol	9.946	122	1572475	73.159	ng		99
28) bis(2-Chloroethoxy)met...	10.187	93	2312975	62.391	ng		100
29) 2,4-Dichlorophenol	10.422	162	1944613	75.372	ng		100
30) 1,2,4-Trichlorobenzene	10.640	180	2253684	65.810	ng		99
31) Naphthalene	10.828	128	6335309	61.225	ng		99
32) Benzoic acid	10.099	122	1292635	116.347	ng		98
33) 4-Chloroaniline	10.940	127	2418132	64.131	ng		99
34) Hexachlorobutadiene	11.110	225	1458245	67.858	ng		99
35) Caprolactam	11.740	113	484176	63.157	ng		97
36) 4-Chloro-3-methylphenol	12.057	107	1755624	61.267	ng		99
37) 2-Methylnaphthalene	12.434	142	4222602	57.283	ng		99
38) 1-Methylnaphthalene	12.652	142	4107368	56.747	ng		100
40) 1,2,4,5-Tetrachloroben...	12.799	216	2336370	69.985	ng		100
41) Hexachlorocyclopentadiene	12.775	237	1257051	79.172	ng		99
43) 2,4,6-Trichlorophenol	13.040	196	1512630	78.181	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1616798	74.832	ng	96
46) 1,1'-Biphenyl	13.440	154	5076121	63.982	ng	100
47) 2-Chloronaphthalene	13.481	162	4070821	64.794	ng	99
48) 2-Nitroaniline	13.687	65	1090541	78.993	ng	98
49) Acenaphthylene	14.328	152	6075235	60.892	ng	100
50) Dimethylphthalate	14.063	163	4624690	59.930	ng	99
51) 2,6-Dinitrotoluene	14.181	165	1015855	62.637	ng	98
52) Acenaphthene	14.669	154	3680475	58.208	ng	100
53) 3-Nitroaniline	14.510	138	1064477	64.637	ng	100
54) 2,4-Dinitrophenol	14.716	184	622004	98.494	ng	99
55) Dibenzofuran	15.004	168	5790820	58.881	ng	100
56) 4-Nitrophenol	14.816	139	849467	61.050	ng	97
57) 2,4-Dinitrotoluene	14.969	165	1315287	61.500	ng	100
58) Fluorene	15.651	166	4478628	55.389	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	1362964	64.473	ng	100
60) Diethylphthalate	15.422	149	4310422	59.063	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	2313206	57.624	ng	100
62) 4-Nitroaniline	15.681	138	1050959	66.567	ng	98
63) Azobenzene	15.940	77	4073953	52.964	ng	99
65) 4,6-Dinitro-2-methylph...	15.734	198	848771	106.093	ng	99
66) n-Nitrosodiphenylamine	15.863	169	3795316	68.811	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	1470980	72.875	ng	95
68) Hexachlorobenzene	16.663	284	1674431	67.136	ng	99
69) Atrazine	16.816	200	1065711	71.976	ng	98
70) Pentachlorophenol	17.004	266	1035447	71.796	ng	99
71) Phenanthrene	17.404	178	6820585	61.099	ng	100
72) Anthracene	17.492	178	6620440	62.415	ng	99
73) Carbazole	17.763	167	5985901	62.463	ng	99
74) Di-n-butylphthalate	18.304	149	6871832	81.920	ng	100
75) Fluoranthene	19.363	202	7879040	59.827	ng	99
77) Benzidine	19.539	184	1630542	139.701	ng	99
78) Pyrene	19.716	202	8165678	62.442	ng	98
80) Butylbenzylphthalate	20.581	149	3096325	236.569	ng	98
81) Benzo(a)anthracene	21.428	228	8310044	62.077	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	2676918	94.619	ng	99
83) Chrysene	21.486	228	8003677	62.462	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	4347325	176.568	ng	99
85) Di-n-octyl phthalate	22.292	149	7556248	131.278	ng	99
87) Indeno(1,2,3-cd)pyrene	26.539	276	11075468	73.844	ng	100
88) Benzo(b)fluoranthene	23.174	252	8668518	60.494	ng	99
89) Benzo(k)fluoranthene	23.222	252	8455071	57.567	ng	99
90) Benzo(a)pyrene	23.822	252	7316839	64.050	ng	99
91) Dibenzo(a,h)anthracene	26.557	278	9193470	71.908	ng	100
92) Benzo(g,h,i)perylene	27.339	276	9174874	79.517	ng	99

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

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