Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013671.D
Acq On : 31 Jan 2023 12:30
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 01 03:01:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	224889	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	852691	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	571169	20.000	ng		0.00
64) Phenanthrene-d10	17.534	188	1246996	20.000	ng		0.00
76) Chrysene-d12	21.604	240	1322136	20.000	ng		0.00
86) Perylene-d12	24.180	264	1578749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	267013	20.297	ng		0.00
7) Phenol-d6	7.281	99	349321	19.931	ng		0.00
23) Nitrobenzene-d5	9.316	82	257904	17.594	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	159516	18.620	ng		0.00
45) 2-Fluorobiphenyl	13.399	172	815926	19.989	ng		0.00
79) Terphenyl-d14	20.057	244	1348034	20.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	59168	10.631	ng		99
3) Pyridine	3.934	79	160231	10.169	ng		98
4) n-Nitrosodimethylamine	3.840	42	57187	9.953	ng	#	98
6) Aniline	7.458	93	226529	9.914	ng		99
8) 2-Chlorophenol	7.699	128	139882	10.100	ng		98
9) Benzaldehyde	7.269	77	114655	12.948	ng		97
10) Phenol	7.311	94	182636	9.975	ng		97
11) bis(2-Chloroethyl)ether	7.552	93	148089	10.125	ng		98
12) 1,3-Dichlorobenzene	8.028	146	160884	10.312	ng		98
13) 1,4-Dichlorobenzene	8.175	146	160981	10.198	ng		99
14) 1,2-Dichlorobenzene	8.499	146	153109	10.136	ng		99
15) Benzyl Alcohol	8.381	79	117187	9.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.663	45	172644m	10.069	ng		
17) 2-Methylphenol	8.581	107	125012	9.743	ng		99
18) Hexachloroethane	9.234	117	51821	9.956	ng		93
19) n-Nitroso-di-n-propyla...	8.952	70	109393	9.948	ng		99
20) 3+4-Methylphenols	8.905	107	170146	9.721	ng		100
22) Acetophenone	8.969	105	216625	9.742	ng	#	99
24) Nitrobenzene	9.358	77	143589	9.031	ng		99
25) Isophorone	9.887	82	311188	9.578	ng		100
26) 2-Nitrophenol	10.075	139	54886	8.247	ng		98
27) 2,4-Dimethylphenol	10.122	122	126348	9.273	ng		99
28) bis(2-Chloroethoxy)met...	10.363	93	192032	9.861	ng		99
29) 2,4-Dichlorophenol	10.610	162	135959	9.527	ng		98
30) 1,2,4-Trichlorobenzene	10.828	180	156477	9.881	ng		97
31) Naphthalene	11.022	128	443242	9.886	ng		99
32) Benzoic acid	10.199	122	72345	7.422	ng		96
33) 4-Chloroaniline	11.128	127	189921	9.641	ng		99
34) Hexachlorobutadiene	11.305	225	98972	9.846	ng		99
35) Caprolactam	11.893	113	42335m	9.068	ng		
36) 4-Chloro-3-methylphenol	12.234	107	138247	9.209	ng		97
37) 2-Methylnaphthalene	12.616	142	324906	9.638	ng		99
38) 1-Methylnaphthalene	12.834	142	308134	9.730	ng		99
40) 1,2,4,5-Tetrachloroben...	12.975	216	186132	9.545	ng		99
41) Hexachlorocyclopentadiene	12.957	237	68575	7.705	ng		95
43) 2,4,6-Trichlorophenol	13.216	196	117066	9.117	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.281	196	135865	9.037	ng	99
46)	1,1'-Biphenyl	13.610	154	424307	9.817	ng	100
47)	2-Chloronaphthalene	13.657	162	326378	9.769	ng	100
48)	2-Nitroaniline	13.857	65	51168	7.167	ng	99
49)	Acenaphthylene	14.498	152	518399	9.622	ng	100
50)	Dimethylphthalate	14.222	163	423297	9.582	ng	99
51)	2,6-Dinitrotoluene	14.340	165	59303	7.511	ng	95
52)	Acenaphthene	14.840	154	338118	10.061	ng	98
53)	3-Nitroaniline	14.675	138	70471	8.184	ng	95
54)	2,4-Dinitrophenol	14.875	184	29040	6.043	ng	97
55)	Dibenzofuran	15.175	168	545650	10.052	ng	98
56)	4-Nitrophenol	14.969	139	60370	7.881	ng	97
57)	2,4-Dinitrotoluene	15.128	165	74877	7.226	ng	94
58)	Fluorene	15.822	166	425966	9.994	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.393	232	122339	9.358	ng	99
60)	Diethylphthalate	15.581	149	414103	9.778	ng	98
61)	4-Chlorophenyl-phenyle...	15.810	204	230347	9.925	ng	97
62)	4-Nitroaniline	15.834	138	67274	7.867	ng	95
63)	Azobenzene	16.104	77	381192	9.743	ng	99
65)	4,6-Dinitro-2-methylph...	15.893	198	42920	6.604	ng	99
66)	n-Nitrosodiphenylamine	16.022	169	375322	10.344	ng	98
67)	4-Bromophenyl-phenylether	16.710	248	137735	9.635	ng	98
68)	Hexachlorobenzene	16.828	284	154076	9.734	ng	96
69)	Atrazine	16.975	200	117238	9.930	ng	97
70)	Pentachlorophenol	17.175	266	104471	8.947	ng	96
71)	Phenanthrene	17.575	178	673259	10.073	ng	100
72)	Anthracene	17.663	178	673127	9.975	ng	99
73)	Carbazole	17.928	167	624672	10.195	ng	99
74)	Di-n-butylphthalate	18.457	149	657913	9.812	ng	99
75)	Fluoranthene	19.522	202	828045	9.951	ng	99
77)	Benzidine	19.692	184	309230	10.828	ng	100
78)	Pyrene	19.875	202	867705	9.755	ng	99
80)	Butylbenzylphthalate	20.728	149	212206	8.739	ng	96
81)	Benzo(a)anthracene	21.586	228	894160	9.737	ng	99
82)	3,3'-Dichlorobenzidine	21.516	252	267817	9.224	ng	98
83)	Chrysene	21.645	228	866770	9.907	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.492	149	380628	9.206	ng	99
85)	Di-n-octyl phthalate	22.475	149	692171	9.168	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.898	276	1169627	9.742	ng	99
88)	Benzo(b)fluoranthene	23.386	252	900076	9.486	ng	99
89)	Benzo(k)fluoranthene	23.439	252	898633	9.455	ng	99
90)	Benzo(a)pyrene	24.069	252	910055	9.662	ng	99
91)	Dibenzo(a,h)anthracene	26.915	278	975507	9.788	ng	99
92)	Benzo(g,h,i)perylene	27.739	276	963855	9.738	ng	99

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

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