Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013600.D
Acq On : 26 Jan 2023 18:19
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 27 03:48:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP012623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	192773	20.000	ng		0.00
21) Naphthalene-d8	10.998	136	760169	20.000	ng		0.01
39) Acenaphthene-d10	14.804	164	522421	20.000	ng		0.01
64) Phenanthrene-d10	17.557	188	1245851	20.000	ng		0.00
76) Chrysene-d12	21.639	240	1147358	20.000	ng		0.00
86) Perylene-d12	24.233	264	1097099	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	822041	76.415	ng		0.00
7) Phenol-d6	7.304	99	1121996	77.207	ng		0.00
23) Nitrobenzene-d5	9.340	82	1075542	77.744	ng		0.00
42) 2,4,6-Tribromophenol	16.292	330	606764	76.286	ng		0.01
45) 2-Fluorobiphenyl	13.428	172	2712014	74.142	ng		0.00
79) Terphenyl-d14	20.092	244	4624141	71.119	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	177387	37.399	ng		98
3) Pyridine	3.946	79	521105	38.651	ng		99
4) n-Nitrosodimethylamine	3.852	42	200119	37.979	ng		96
6) Aniline	7.481	93	750095	38.946	ng		99
8) 2-Chlorophenol	7.722	128	447344	39.173	ng		99
9) Benzaldehyde	7.293	77	331662	37.149	ng		99
10) Phenol	7.334	94	589083	38.698	ng		99
11) bis(2-Chloroethyl)ether	7.575	93	490306	38.894	ng		100
12) 1,3-Dichlorobenzene	8.052	146	503726	38.213	ng		99
13) 1,4-Dichlorobenzene	8.199	146	510900	38.221	ng		99
14) 1,2-Dichlorobenzene	8.522	146	479838	38.128	ng		98
15) Benzyl Alcohol	8.399	79	437646	38.783	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.693	45	556405m	39.167	ng		
17) 2-Methylphenol	8.599	107	426426	38.820	ng		99
18) Hexachloroethane	9.263	117	180269	37.644	ng		95
19) n-Nitroso-di-n-propyla...	8.981	70	382411	40.492	ng		99
20) 3+4-Methylphenols	8.934	107	588565	39.099	ng		98
22) Acetophenone	8.999	105	726083	37.841	ng	#	98
24) Nitrobenzene	9.381	77	559649	38.653	ng		98
25) Isophorone	9.910	82	1141706	37.675	ng		100
26) 2-Nitrophenol	10.098	139	244632	39.332	ng		95
27) 2,4-Dimethylphenol	10.151	122	444237	38.584	ng		98
28) bis(2-Chloroethoxy)met...	10.393	93	656102	38.053	ng		99
29) 2,4-Dichlorophenol	10.634	162	493241	38.069	ng		99
30) 1,2,4-Trichlorobenzene	10.857	180	536813	37.369	ng		98
31) Naphthalene	11.051	128	1460675	37.814	ng		100
32) Benzoic acid	10.281	122	331685	39.518	ng		98
33) 4-Chloroaniline	11.151	127	656229	39.132	ng		98
34) Hexachlorobutadiene	11.334	225	360091	37.282	ng		98
35) Caprolactam	11.940	113	150355	40.472	ng		96
36) 4-Chloro-3-methylphenol	12.257	107	522535	38.043	ng		99
37) 2-Methylnaphthalene	12.640	142	1112963	37.700	ng		99
38) 1-Methylnaphthalene	12.857	142	1041323	37.687	ng		98
40) 1,2,4,5-Tetrachloroben...	13.004	216	677104	37.203	ng		100
41) Hexachlorocyclopentadiene	12.987	237	348878	37.102	ng		99
43) 2,4,6-Trichlorophenol	13.234	196	458290	37.632	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.304	196	537907	37.769	ng	99
46) 1,1'-Biphenyl	13.639	154	1444815	37.113	ng	99
47) 2-Chloronaphthalene	13.681	162	1109679	37.351	ng	99
48) 2-Nitroaniline	13.881	65	255551	36.846	ng	97
49) Acenaphthylene	14.528	152	1828925	37.323	ng	100
50) Dimethylphthalate	14.251	163	1537073	37.879	ng	100
51) 2,6-Dinitrotoluene	14.369	165	305663	37.632	ng	98
52) Acenaphthene	14.869	154	1181412	37.669	ng	99
53) 3-Nitroaniline	14.704	138	306547	40.705	ng	100
54) 2,4-Dinitrophenol	14.898	184	189795	38.064	ng	98
55) Dibenzofuran	15.198	168	1839134	37.442	ng	99
56) 4-Nitrophenol	14.992	139	273794	41.392	ng	93
57) 2,4-Dinitrotoluene	15.157	165	414374	38.047	ng	94
58) Fluorene	15.851	166	1390739	37.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.422	232	468239	37.951	ng	100
60) Diethylphthalate	15.616	149	1474230	39.782	ng	100
61) 4-Chlorophenyl-phenyle...	15.839	204	792416	37.359	ng	98
62) 4-Nitroaniline	15.869	138	300875	41.523	ng	95
63) Azobenzene	16.133	77	1399662	37.069	ng	99
65) 4,6-Dinitro-2-methylph...	15.922	198	253760	37.881	ng	95
66) n-Nitrosodiphenylamine	16.051	169	1280622	37.308	ng	99
67) 4-Bromophenyl-phenylether	16.739	248	536788	37.381	ng	98
68) Hexachlorobenzene	16.857	284	588125	37.469	ng	96
69) Atrazine	17.004	200	448736	42.766	ng	99
70) Pentachlorophenol	17.198	266	466539	38.246	ng	98
71) Phenanthrene	17.604	178	2406127	37.657	ng	99
72) Anthracene	17.692	178	2431085	37.654	ng	100
73) Carbazole	17.951	167	2187381	38.020	ng	100
74) Di-n-butylphthalate	18.492	149	2246186	42.930	ng	99
75) Fluoranthene	19.551	202	3066626	38.479	ng	100
77) Benzidine	19.721	184	557362	46.334	ng	100
78) Pyrene	19.904	202	3129678	35.245	ng	100
80) Butylbenzylphthalate	20.763	149	461136	38.910	ng	98
81) Benzo(a)anthracene	21.621	228	3023993	37.428	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	793013	40.104	ng	99
83) Chrysene	21.680	228	2820150	37.149	ng	99
84) Bis(2-ethylhexyl)phtha...	21.527	149	784003	42.662	ng	100
85) Di-n-octyl phthalate	22.521	149	1338681	45.175	ng	98
87) Indeno(1,2,3-cd)pyrene	26.980	276	2717148	35.228	ng	99
88) Benzo(b)fluoranthene	23.439	252	2688428	38.169	ng	99
89) Benzo(k)fluoranthene	23.492	252	2679460	38.320	ng	100
90) Benzo(a)pyrene	24.121	252	2500238	37.714	ng	99
91) Dibenzo(a,h)anthracene	27.003	278	2273933	35.431	ng	99
92) Benzo(g,h,i)perylene	27.827	276	2191977	34.687	ng	99

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

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