Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013652.D
Acq On : 30 Jan 2023 19:09
Operator : CG/JU
Sample : 01328-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1-BORING-1-0-7MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 04:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 04:38:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	215039	20.000	ng		0.00
21) Naphthalene-d8	10.975	136	752960	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	442350	20.000	ng		0.00
64) Phenanthrene-d10	17.534	188	908106	20.000	ng		0.00
76) Chrysene-d12	21.616	240	794350	20.000	ng		0.00
86) Perylene-d12	24.192	264	911519	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1790747	149.226	ng		0.00
7) Phenol-d6	7.299	99	2107382	129.998	ng		0.00
23) Nitrobenzene-d5	9.322	82	1439279	105.032	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	996832	148.014	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	3414894	110.257	ng		0.00
79) Terphenyl-d14	20.069	244	4719986	104.854	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.540	88	246144	46.522	ng	#	44
3) Pyridine	3.958	79	586254	38.981	ng		99
4) n-Nitrosodimethylamine	3.852	42	277457	47.204	ng		91
6) Aniline	7.469	93	338648	15.763	ng		99
8) 2-Chlorophenol	7.711	128	701433	55.063	ng		99
9) Benzaldehyde	7.275	77	399457m	41.895	ng		
10) Phenol	7.322	94	782995	46.110	ng		98
11) bis(2-Chloroethyl)ether	7.564	93	744013	52.908	ng		98
12) 1,3-Dichlorobenzene	8.040	146	765098	52.031	ng		98
13) 1,4-Dichlorobenzene	8.187	146	782025	52.446	ng		99
14) 1,2-Dichlorobenzene	8.505	146	746296	53.160	ng		98
15) Benzyl Alcohol	8.387	79	636379m	50.555	ng		
16) 2,2'-oxybis(1-Chloropr...	8.681	45	814354	51.390	ng		99
17) 2-Methylphenol	8.587	107	576912	47.082	ng		98
18) Hexachloroethane	9.246	117	261422	48.938	ng		93
19) n-Nitroso-di-n-propyla...	8.963	70	525117	49.845	ng		97
20) 3+4-Methylphenols	8.916	107	749373	44.627	ng		99
22) Acetophenone	8.981	105	1045050	54.986	ng	#	97
24) Nitrobenzene	9.363	77	769485	53.655	ng		99
25) Isophorone	9.893	82	1455350	48.485	ng		99
26) 2-Nitrophenol	10.081	139	344704	55.952	ng		95
27) 2,4-Dimethylphenol	10.134	122	607286	53.250	ng		96
28) bis(2-Chloroethoxy)met...	10.375	93	899644	52.677	ng		98
29) 2,4-Dichlorophenol	10.616	162	686444	53.487	ng		98
30) 1,2,4-Trichlorobenzene	10.834	180	779220	54.763	ng		99
31) Naphthalene	11.028	128	2028257	53.011	ng		100
32) Benzoic acid	10.252	122	293006	35.244	ng		99
33) 4-Chloroaniline	11.146	127	111720	6.726	ng		95
34) Hexachlorobutadiene	11.310	225	502893	52.566	ng		99
35) Caprolactam	11.922	113	151131	41.070	ng		96
36) 4-Chloro-3-methylphenol	12.246	107	633286	46.547	ng		99
37) 2-Methylnaphthalene	12.622	142	1413846	48.351	ng		98
38) 1-Methylnaphthalene	12.840	142	1315810	48.077	ng		98
40) 1,2,4,5-Tetrachloroben...	12.987	216	908836	58.974	ng		100
41) Hexachlorocyclopentadiene	12.963	237	991028	124.468	ng		98
43) 2,4,6-Trichlorophenol	13.222	196	566341	54.923	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	602012	49.922	ng		98
46) 1,1'-Biphenyl	13.622	154	1859282	56.405	ng		99
47) 2-Chloronaphthalene	13.663	162	1470827	58.469	ng		99
48) 2-Nitroaniline	13.863	65	303005	50.028	ng		97
49) Acenaphthylene	14.504	152	2215603	53.398	ng		100
50) Dimethylphthalate	14.234	163	1730538	50.366	ng		100
51) 2,6-Dinitrotoluene	14.351	165	342357	49.334	ng		93
52) Acenaphthene	14.845	154	1476946m	55.616	ng		
53) 3-Nitroaniline	14.681	138	170811	26.787	ng		97
54) 2,4-Dinitrophenol	14.887	184	297953	70.571	ng		97
55) Dibenzofuran	15.181	168	2141872	51.498	ng		98
56) 4-Nitrophenol	14.981	139	513478	91.679	ng		91
57) 2,4-Dinitrotoluene	15.134	165	441229	47.435	ng		96
58) Fluorene	15.828	166	1644116	51.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.404	232	524170	50.175	ng		98
60) Diethylphthalate	15.592	149	1602106	51.058	ng		99
61) 4-Chlorophenyl-phenyle...	15.816	204	902685	50.261	ng		99
62) 4-Nitroaniline	15.845	138	282996	46.125	ng		93
63) Azobenzene	16.110	77	1498072	46.856	ng		97
65) 4,6-Dinitro-2-methylph...	15.898	198	223101	45.691	ng		98
66) n-Nitrosodiphenylamine	16.034	169	1408820	56.308	ng		98
67) 4-Bromophenyl-phenylether	16.716	248	585308	55.919	ng		98
68) Hexachlorobenzene	16.840	284	674700	58.971	ng		95
69) Atrazine	16.981	200	513745	67.172	ng		99
70) Pentachlorophenol	17.181	266	826164	92.916	ng		98
71) Phenanthrene	17.581	178	2557969	54.922	ng		100
72) Anthracene	17.669	178	2579232	54.806	ng		99
73) Carbazole	17.934	167	2250596	53.668	ng		100
74) Di-n-butylphthalate	18.463	149	2586699	65.755	ng		99
75) Fluoranthene	19.528	202	2944508	50.688	ng		99
77) Benzidine	19.698	184	438497	52.652	ng		99
78) Pyrene	19.881	202	3032642	49.330	ng		100
80) Butylbenzylphthalate	20.733	149	824571	92.011	ng		99
81) Benzo(a)anthracene	21.598	228	3038351	54.318	ng		100
82) 3,3'-Dichlorobenzidine	21.522	252	592205	42.759	ng		99
83) Chrysene	21.651	228	2846910	54.166	ng		99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1387286	87.766	ng		98
85) Di-n-octyl phthalate	22.480	149	2585659	87.265	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.921	276	4303439	67.154	ng		99
88) Benzo(b)fluoranthene	23.404	252	3392740	57.975	ng		99
89) Benzo(k)fluoranthene	23.451	252	3204393	55.157	ng		100
90) Benzo(a)pyrene	24.080	252	2951977	53.594	ng		100
91) Dibenzo(a,h)anthracene	26.945	278	3561777	66.796	ng		99
92) Benzo(g,h,i)perylene	27.768	276	3619177	68.933	ng		98

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

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