Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039421.D
Acq On : 13 Apr 2023 21:28
Operator : CG/JU
Sample : 02320-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 14 05:17:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E9074-BAYS-001MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/14/2023
Supervised By :Jagrut Upadhyay

04/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	220649	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	895490	20.000	ng		-0.01
39) Acenaphthene-d10	14.510	164	528130	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1043156	20.000	ng		0.00
76) Chrysene-d12	21.451	240	891806	20.000	ng		-0.01
86) Perylene-d12	23.833	264	973112	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1821080	124.344	ng		0.01
7) Phenol-d6	7.063	99	2409217	127.184	ng		0.03
23) Nitrobenzene-d5	9.028	82	1448324	78.607	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	802300	119.673	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2909670	74.647	ng		0.00
79) Terphenyl-d14	19.892	244	3887221	80.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	235843	39.397	ng		97
3) Pyridine	3.687	79	547403	32.641	ng		98
4) n-Nitrosodimethylamine	3.599	42	305401	46.369	ng		96
6) Aniline	7.187	93	877833	37.442	ng		98
8) 2-Chlorophenol	7.428	128	791011	52.770	ng		97
9) Benzaldehyde	6.993	77	480546	44.546	ng		97
10) Phenol	7.087	94	1034357	54.488	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	801367	52.474	ng		98
12) 1,3-Dichlorobenzene	7.740	146	816252	51.347	ng		99
13) 1,4-Dichlorobenzene	7.893	146	824680	51.305	ng		99
14) 1,2-Dichlorobenzene	8.204	146	806783	52.490	ng		99
15) Benzyl Alcohol	8.116	79	698379	53.602	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1056587m	54.091	ng		
17) 2-Methylphenol	8.334	107	662284	49.865	ng		99
18) Hexachloroethane	8.934	117	316478	50.899	ng		98
19) n-Nitroso-di-n-propyla...	8.675	70	602535	49.759	ng		98
20) 3+4-Methylphenols	8.663	107	900629	50.464	ng		96
22) Acetophenone	8.693	105	1218953	50.911	ng	#	98
24) Nitrobenzene	9.069	77	881124	48.080	ng		98
25) Isophorone	9.598	82	1682908	48.961	ng		99
26) 2-Nitrophenol	9.781	139	417712	49.307	ng		99
27) 2,4-Dimethylphenol	9.863	122	741032	52.646	ng		100
28) bis(2-Chloroethoxy)met...	10.081	93	1016050	48.832	ng		100
29) 2,4-Dichlorophenol	10.334	162	720648	52.474	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	750385	51.073	ng		98
31) Naphthalene	10.716	128	2378336	49.290	ng		100
32) Benzoic acid	10.051	122	584073	53.240	ng		96
33) 4-Chloroaniline	10.845	127	699098	33.071	ng		99
34) Hexachlorobutadiene	10.992	225	435935	50.459	ng		99
35) Caprolactam	11.657	113	241489m	50.643	ng		
36) 4-Chloro-3-methylphenol	11.992	107	797951	52.662	ng		98
37) 2-Methylnaphthalene	12.328	142	1623493	48.332	ng		99
38) 1-Methylnaphthalene	12.551	142	1522356	48.401	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	812043	50.501	ng		100
41) Hexachlorocyclopentadiene	12.669	237	642268	73.114	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	561150	51.171	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	604047	46.987	ng	98
46) 1,1'-Biphenyl	13.345	154	2068933	49.609	ng	100
47) 2-Chloronaphthalene	13.386	162	1588178	50.294	ng	99
48) 2-Nitroaniline	13.610	65	514082	48.377	ng	98
49) Acenaphthylene	14.233	152	2518312	48.523	ng	99
50) Dimethylphthalate	13.980	163	1909387	46.912	ng	100
51) 2,6-Dinitrotoluene	14.104	165	419138	47.887	ng	97
52) Acenaphthene	14.575	154	1509267	49.249	ng	99
53) 3-Nitroaniline	14.439	138	405086	40.034	ng	97
54) 2,4-Dinitrophenol	14.645	184	391909	75.608	ng	98
55) Dibenzofuran	14.910	168	2368026	47.995	ng	98
56) 4-Nitrophenol	14.786	139	740637	94.922	ng	97
57) 2,4-Dinitrotoluene	14.892	165	579536	48.946	ng	92
58) Fluorene	15.563	166	1892476	48.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	520938	50.937	ng	100
60) Diethylphthalate	15.339	149	1952164	47.652	ng	100
61) 4-Chlorophenyl-phenyle...	15.557	204	912572	47.131	ng	99
62) 4-Nitroaniline	15.610	138	424265m	40.859	ng	
63) Azobenzene	15.851	77	2055820	50.088	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	265998	38.760	ng	97
66) n-Nitrosodiphenylamine	15.774	169	1613665	49.090	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	557411	50.035	ng	98
68) Hexachlorobenzene	16.563	284	623832	51.645	ng	95
69) Atrazine	16.733	200	553854	53.198	ng	99
70) Pentachlorophenol	16.921	266	844080	97.397	ng	99
71) Phenanthrene	17.310	178	2859382	50.049	ng	100
72) Anthracene	17.398	178	2911366	49.975	ng	99
73) Carbazole	17.680	167	2688644	49.391	ng	100
74) Di-n-butylphthalate	18.233	149	3502380	52.013	ng	100
75) Fluoranthene	19.327	202	3305534	50.756	ng	100
77) Benzidine	19.527	184	539587	22.939	ng	99
78) Pyrene	19.686	202	3434689	54.101	ng	99
80) Butylbenzylphthalate	20.586	149	1563389	53.752	ng	98
81) Benzo(a)anthracene	21.439	228	3124717	49.681	ng	100
82) 3,3'-Dichlorobenzidine	21.374	252	1058601	50.525	ng	99
83) Chrysene	21.492	228	2906622	47.871	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3011533	70.107	ng	100
85) Di-n-octyl phthalate	22.280	149	3909304	50.512	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	3552065	49.542	ng	99
88) Benzo(b)fluoranthene	23.109	252	3121209	52.420	ng	99
89) Benzo(k)fluoranthene	23.156	252	3150074	51.938	ng	99
90) Benzo(a)pyrene	23.733	252	2769533	47.348	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	2931638	48.695	ng	100
92) Benzo(g,h,i)perylene	27.080	276	2888366	48.784	ng	99

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

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