Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039269.D
Acq On : 01 Apr 2023 00:56
Operator : CG/JU
Sample : 02136-01MS 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

Quant Time: Apr 03 03:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	290134	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	1140727	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	646262	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1286681	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1097806	20.000	ng		0.00
86) Perylene-d12	23.921	264	1270536	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	757248	39.322	ng		0.00
7) Phenol-d6	7.087	99	977040	39.226	ng		0.00
23) Nitrobenzene-d5	9.086	82	600523	25.586	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	318754	38.855	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1266429	26.551	ng		0.00
79) Terphenyl-d14	19.939	244	1728236	29.085	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	123154	15.646	ng		98
3) Pyridine	3.757	79	336741	15.271	ng		99
4) n-Nitrosodimethylamine	3.663	42	161305	18.626	ng	#	99
6) Aniline	7.245	93	437293	14.185	ng		99
8) 2-Chlorophenol	7.481	128	413503	20.979	ng		99
9) Benzaldehyde	7.057	77	254340	17.930	ng		100
10) Phenol	7.116	94	516938	20.710	ng		100
11) bis(2-Chloroethyl)ether	7.345	93	420002	20.915	ng		100
12) 1,3-Dichlorobenzene	7.804	146	438514	20.978	ng		99
13) 1,4-Dichlorobenzene	7.957	146	449119	21.249	ng		99
14) 1,2-Dichlorobenzene	8.275	146	429153	21.234	ng		98
15) Benzyl Alcohol	8.169	79	352394	20.570	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	529637	20.621	ng		99
17) 2-Methylphenol	8.369	107	335745	19.225	ng		99
18) Hexachloroethane	8.998	117	150877	18.454	ng		99
19) n-Nitroso-di-n-propyla...	8.734	70	306733	19.264	ng		99
20) 3+4-Methylphenols	8.698	107	453713	19.334	ng		97
22) Acetophenone	8.751	105	621809	20.387	ng	#	99
24) Nitrobenzene	9.133	77	448920	19.230	ng		99
25) Isophorone	9.657	82	834281	19.054	ng		99
26) 2-Nitrophenol	9.845	139	194438	18.017	ng		98
27) 2,4-Dimethylphenol	9.910	122	369566	20.611	ng		100
28) bis(2-Chloroethoxy)met...	10.145	93	524154	19.775	ng		99
29) 2,4-Dichlorophenol	10.380	162	357588	20.440	ng		98
30) 1,2,4-Trichlorobenzene	10.592	180	390775	20.879	ng		98
31) Naphthalene	10.780	128	1292347	21.025	ng		100
32) Benzoic acid	10.039	122	258755m	18.516	ng		
33) 4-Chloroaniline	10.898	127	333174	12.372	ng		100
34) Hexachlorobutadiene	11.063	225	231066	20.996	ng		99
35) Caprolactam	11.686	113	110672m	18.220	ng		
36) 4-Chloro-3-methylphenol	12.027	107	381052	19.742	ng		99
37) 2-Methylnaphthalene	12.392	142	875312	20.456	ng		100
38) 1-Methylnaphthalene	12.610	142	815668	20.358	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	420250	21.358	ng		99
41) Hexachlorocyclopentadiene	12.733	237	68768	6.397	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	277148	20.653	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.080	196	293273	18.643	ng	98
46)	1,1'-Biphenyl	13.404	154	1082053	21.203	ng	100
47)	2-Chloronaphthalene	13.445	162	804331	20.815	ng	99
48)	2-Nitroaniline	13.651	65	253740	19.513	ng	100
49)	Acenaphthylene	14.292	152	1799533	28.335	ng	99
50)	Dimethylphthalate	14.027	163	948223	19.039	ng	99
51)	2,6-Dinitrotoluene	14.151	165	193813	18.096	ng	98
52)	Acenaphthene	14.633	154	867936	23.144	ng	100
53)	3-Nitroaniline	14.480	138	207572	16.764	ng	99
54)	2,4-Dinitrophenol	14.692	184	30443	4.800	ng	90
55)	Dibenzofuran	14.963	168	1357438	22.484	ng	98
56)	4-Nitrophenol	14.798	139	391875	41.043	ng	99
57)	2,4-Dinitrotoluene	14.939	165	259235	17.892	ng	97
58)	Fluorene	15.615	166	1245536	26.053	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.192	232	252426	20.170	ng	99
60)	Diethylphthalate	15.386	149	972261	19.395	ng	99
61)	4-Chlorophenyl-phenyle...	15.610	204	464431	19.602	ng	99
62)	4-Nitroaniline	15.639	138	236989	18.652	ng	99
63)	Azobenzene	15.904	77	1091732	21.737	ng	95
65)	4,6-Dinitro-2-methylph...	15.704	198	21355	2.523	ng	87
66)	n-Nitrosodiphenylamine	15.821	169	806671	19.895	ng	99
67)	4-Bromophenyl-phenylether	16.504	248	276544	20.125	ng	99
68)	Hexachlorobenzene	16.621	284	314122	21.083	ng	99
69)	Atrazine	16.780	200	272429	21.214	ng	99
70)	Pentachlorophenol	16.968	266	408541	38.219	ng	100
71)	Phenanthrene	17.362	178	4629297	65.692	ng	100
72)	Anthracene	17.451	178	2615559	36.400	ng	99
73)	Carbazole	17.721	167	1730392	25.771	ng	99
74)	Di-n-butylphthalate	18.280	149	1796183	21.626	ng	100
75)	Fluoranthene	19.380	202	5918619	73.679	ng	99
77)	Benzidine	19.574	184	579799	20.023	ng	98
78)	Pyrene	19.745	202	5639555	72.161	ng	99
80)	Butylbenzylphthalate	20.633	149	777800	21.724	ng	99
81)	Benzo(a)anthracene	21.486	228	3760883	48.575	ng	97
82)	3,3'-Dichlorobenzidine	21.421	252	516842	20.039	ng	99
83)	Chrysene	21.539	228	3357132	44.916	ng	97
84)	Bis(2-ethylhexyl)phtha...	21.403	149	1133170	21.430	ng	100
85)	Di-n-octyl phthalate	22.333	149	1957614	20.548	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.438	276	3191983	34.098	ng	98
88)	Benzo(b)fluoranthene	23.186	252	4049236	52.086	ng	99
89)	Benzo(k)fluoranthene	23.233	252	2634144	33.265	ng	98
90)	Benzo(a)pyrene	23.815	252	3414665	44.712	ng	99
91)	Dibenzo(a,h)anthracene	26.450	278	1930278	24.557	ng	98
92)	Benzo(g,h,i)perylene	27.215	276	2869851	37.125	ng	100

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

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