Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039270.D
Acq On : 01 Apr 2023 01:33
Operator : CG/JU
Sample : 02136-01MSD 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

Manual Integrations APPROVED

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

Quant Time: Apr 03 03:03:35 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	276604	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	1135898	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	668036	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1344319	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1114807	20.000	ng		0.00
86) Perylene-d12	23.921	264	1275790	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	715236	38.957	ng		0.00
7) Phenol-d6	7.093	99	948476	39.942	ng		0.00
23) Nitrobenzene-d5	9.092	82	585369	25.047	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	330997	39.032	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1286700	26.097	ng		0.00
79) Terphenyl-d14	19.939	244	1776024	29.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	114262	15.226	ng		99
3) Pyridine	3.757	79	311430	14.814	ng		99
4) n-Nitrosodimethylamine	3.669	42	148410	17.975	ng	#	95
6) Aniline	7.245	93	419594	14.277	ng		99
8) 2-Chlorophenol	7.487	128	392771	20.902	ng		98
9) Benzaldehyde	7.057	77	241534	17.860	ng		98
10) Phenol	7.116	94	505062	21.223	ng		100
11) bis(2-Chloroethyl)ether	7.345	93	397206	20.748	ng		97
12) 1,3-Dichlorobenzene	7.810	146	420573	21.104	ng		99
13) 1,4-Dichlorobenzene	7.957	146	426891	21.185	ng		98
14) 1,2-Dichlorobenzene	8.275	146	411050	21.333	ng		99
15) Benzyl Alcohol	8.169	79	341236	20.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	507494	20.725	ng		100
17) 2-Methylphenol	8.375	107	331209	19.893	ng		99
18) Hexachloroethane	8.998	117	136882	17.561	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	296094	19.506	ng		99
20) 3+4-Methylphenols	8.704	107	446808	19.971	ng		99
22) Acetophenone	8.751	105	603421	19.868	ng	#	99
24) Nitrobenzene	9.134	77	440229	18.938	ng		99
25) Isophorone	9.657	82	820175	18.811	ng		99
26) 2-Nitrophenol	9.845	139	182050	16.941	ng		98
27) 2,4-Dimethylphenol	9.910	122	370906	20.774	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	514773	19.504	ng		100
29) 2,4-Dichlorophenol	10.386	162	363538	20.869	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	389861	20.919	ng		97
31) Naphthalene	10.781	128	1286003	21.011	ng		100
32) Benzoic acid	10.039	122	267211	19.202	ng		99
33) 4-Chloroaniline	10.898	127	360420	13.441	ng		99
34) Hexachlorobutadiene	11.063	225	226196	20.641	ng		99
35) Caprolactam	11.686	113	114879m	18.993	ng		
36) 4-Chloro-3-methylphenol	12.028	107	389704	20.276	ng		99
37) 2-Methylnaphthalene	12.392	142	882348	20.708	ng		99
38) 1-Methylnaphthalene	12.610	142	830205	20.809	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	432934	21.286	ng		99
41) Hexachlorocyclopentadiene	12.733	237	43712	3.934	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	287963	20.760	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.080	196	309654	19.042	ng		98
46)	1,1'-Biphenyl	13.404	154	1109108	21.024	ng		100
47)	2-Chloronaphthalene	13.445	162	828686	20.747	ng		99
48)	2-Nitroaniline	13.657	65	275195	20.473	ng		97
49)	Acenaphthylene	14.292	152	1877504	28.599	ng		99
50)	Dimethylphthalate	14.027	163	974977	18.938	ng		100
51)	2,6-Dinitrotoluene	14.151	165	194854	17.600	ng		100
52)	Acenaphthene	14.633	154	900549	23.231	ng		99
53)	3-Nitroaniline	14.480	138	232677	18.179	ng		96
54)	2,4-Dinitrophenol	14.698	184	14768	2.252	ng	#	74
55)	Dibenzofuran	14.969	168	1424968	22.833	ng		99
56)	4-Nitrophenol	14.798	139	404767	41.012	ng		97
57)	2,4-Dinitrotoluene	14.939	165	256600	17.133	ng		95
58)	Fluorene	15.616	166	1286084	26.024	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.198	232	265965	20.559	ng		99
60)	Diethylphthalate	15.386	149	1001331	19.323	ng		99
61)	4-Chlorophenyl-phenyle...	15.610	204	481737	19.669	ng		100
62)	4-Nitroaniline	15.639	138	263723	20.079	ng		99
63)	Azobenzene	15.904	77	1127486	21.717	ng		96
66)	n-Nitrosodiphenylamine	15.827	169	834239	19.693	ng		98
67)	4-Bromophenyl-phenylether	16.504	248	289692	20.178	ng		97
68)	Hexachlorobenzene	16.621	284	325808	20.930	ng		98
69)	Atrazine	16.780	200	283863	21.157	ng		98
70)	Pentachlorophenol	16.968	266	415889	37.238	ng		99
71)	Phenanthrene	17.362	178	4815410	65.403	ng		100
72)	Anthracene	17.451	178	2744508	36.557	ng		99
73)	Carbazole	17.727	167	1789372	25.507	ng		99
74)	Di-n-butylphthalate	18.286	149	1845810	21.271	ng		100
75)	Fluoranthene	19.380	202	6078996	72.431	ng		98
77)	Benzidine	19.574	184	681491	23.176	ng		99
78)	Pyrene	19.745	202	5768531	72.686	ng		100
80)	Butylbenzylphthalate	20.633	149	803162	22.090	ng		99
81)	Benzo(a)anthracene	21.486	228	3797745	48.303	ng		97
82)	3,3'-Dichlorobenzidine	21.421	252	548554	20.944	ng		100
83)	Chrysene	21.539	228	3457037	45.547	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.403	149	1157086	21.548	ng		100
85)	Di-n-octyl phthalate	22.333	149	2005087	20.725	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.444	276	3223314	34.291	ng		98
88)	Benzo(b)fluoranthene	23.186	252	4201691	53.824	ng		98
89)	Benzo(k)fluoranthene	23.233	252	2527026	31.781	ng		98
90)	Benzo(a)pyrene	23.821	252	3442616	44.892	ng		99
91)	Dibenzo(a,h)anthracene	26.456	278	1940586	24.586	ng		97
92)	Benzo(g,h,i)perylene	27.227	276	2877076	37.065	ng		99

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

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