Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039395.D
Acq On : 11 Apr 2023 16:05
Operator : CG/JU
Sample : 02269-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 12 05:12:33 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 :
CHRT-20424MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
04/12/2023
Supervised By :Jagrut Upadhyay
04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	218635	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	878543	20.000	ng	#	0.00
39) Acenaphthene-d10	14.533	164	543158	20.000	ng		0.02
64) Phenanthrene-d10	17.315	188	495856	20.000	ng	#	0.05
76) Chrysene-d12	21.486	240	826958	20.000	ng	#	0.02
86) Perylene-d12	23.874	264	1050097	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	933088	64.299	ng		0.00
7) Phenol-d6	7.039	99	1180467	62.892	ng		0.00
23) Nitrobenzene-d5	9.033	82	728949	40.327	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	353185	51.224	ng		0.02
45) 2-Fluorobiphenyl	13.145	172	1697783	42.351	ng		0.00
79) Terphenyl-d14	19.939	244	1522204	34.008	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	206225	34.767	ng		96
3) Pyridine	3.693	79	519125	31.240	ng		99
4) n-Nitrosodimethylamine	3.598	42	226077	34.642	ng		99
6) Aniline	7.192	93	267342	11.508	ng		98
8) 2-Chlorophenol	7.428	128	593567	39.963	ng		98
9) Benzaldehyde	6.998	77	376502	35.222	ng		99
10) Phenol	7.069	94	731549	38.891	ng		99
11) bis(2-Chloroethyl)ether	7.286	93	664942	43.942	ng		92
12) 1,3-Dichlorobenzene	7.751	146	664721	42.200	ng		98
13) 1,4-Dichlorobenzene	7.898	146	673056	42.258	ng		99
14) 1,2-Dichlorobenzene	8.216	146	650381	42.704	ng		98
15) Benzyl Alcohol	8.110	79	505513	39.157	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	778859m	40.240	ng		
17) 2-Methylphenol	8.322	107	481390	36.579	ng		99
18) Hexachloroethane	8.939	117	249382	40.477	ng		99
19) n-Nitroso-di-n-propyla...	8.681	70	440260	36.693	ng		100
20) 3+4-Methylphenols	8.651	107	646538	36.561	ng		98
22) Acetophenone	8.698	105	895334	38.116	ng	#	98
24) Nitrobenzene	9.075	77	643668	35.800	ng		100
25) Isophorone	9.604	82	1243016	36.861	ng		99
26) 2-Nitrophenol	9.786	139	304519	36.639	ng		99
27) 2,4-Dimethylphenol	9.857	122	530477	38.415	ng		99
28) bis(2-Chloroethoxy)met...	10.086	93	753953	36.934	ng		99
29) 2,4-Dichlorophenol	10.327	162	530966	39.408	ng		98
30) 1,2,4-Trichlorobenzene	10.539	180	596769	41.401	ng		99
31) Naphthalene	10.722	128	1856499	39.217	ng		100
32) Benzoic acid	10.010	122	421086	39.123	ng		99
33) 4-Chloroaniline	10.851	127	216748	10.451	ng		98
34) Hexachlorobutadiene	11.004	225	346686	40.903	ng		99
35) Caprolactam	11.657	113	182876	39.091	ng	#	59
36) 4-Chloro-3-methylphenol	11.980	107	566586	38.114	ng		95
37) 2-Methylnaphthalene	12.339	142	1226038	37.203	ng		99
38) 1-Methylnaphthalene	12.563	142	1154490	37.414	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	627889	37.968	ng		99
41) Hexachlorocyclopentadiene	12.680	237	389484	43.111	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	433119	38.404	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	477822	36.140	ng	#	85
46) 1,1'-Biphenyl	13.357	154	1678643	39.137	ng		99
47) 2-Chloronaphthalene	13.398	162	1281800	39.469	ng		98
48) 2-Nitroaniline	13.610	65	415467	38.015	ng		99
49) Acenaphthylene	14.251	152	1879618	35.214	ng	#	89
50) Dimethylphthalate	13.986	163	1455495	34.771	ng	#	93
51) 2,6-Dinitrotoluene	14.110	165	348923	38.762	ng	#	80
52) Acenaphthene	14.598	154	1126512	35.742	ng		97
53) 3-Nitroaniline	14.439	138	202934	19.501	ng	#	75
54) 2,4-Dinitrophenol	14.657	184	69614	13.059	ng	#	31
55) Dibenzofuran	14.933	168	1700761	33.517	ng		93
56) 4-Nitrophenol	14.768	139	497402	61.985	ng	#	1
57) 2,4-Dinitrotoluene	14.904	165	286585	23.535	ng	#	80
58) Fluorene	15.586	166	1211357	30.148	ng	#	84
59) 2,3,4,6-Tetrachlorophenol	15.168	232	330035	31.378	ng	#	52
60) Diethylphthalate	15.357	149	1618229	38.408	ng	#	78
61) 4-Chlorophenyl-phenyle...	15.580	204	590167	29.637	ng	#	62
62) 4-Nitroaniline	15.609	138	138854	13.003	ng	#	56
63) Azobenzene	15.880	77	1089201	25.803	ng	#	76
65) 4,6-Dinitro-2-methylph...	15.680	198	40773	12.499	ng	#	1
66) n-Nitrosodiphenylamine	15.798	169	1063177	68.042	ng		95
67) 4-Bromophenyl-phenylether	16.492	248	387076	73.096	ng	#	56
68) Hexachlorobenzene	16.621	284	337517	58.782	ng	#	1
69) Atrazine	16.786	200	518685	104.808	ng	#	32
70) Pentachlorophenol	16.968	266	375194	91.078	ng		96
71) Phenanthrene	17.362	178	1181189	43.494	ng	#	59
72) Anthracene	17.456	178	1069341	38.616	ng	#	64
73) Carbazole	17.721	167	865413	33.445	ng	#	57
74) Di-n-butylphthalate	18.280	149	1294995	40.458	ng	#	81
75) Fluoranthene	19.386	202	1609339	51.986	ng		86
78) Pyrene	19.744	202	1826569	31.027	ng	#	92
80) Butylbenzylphthalate	20.615	149	910557	33.762	ng		89
81) Benzo(a)anthracene	21.474	228	2498555	42.840	ng		99
82) 3,3'-Dichlorobenzidine	21.403	252	194207	9.996	ng	#	79
83) Chrysene	21.527	228	2417510	42.938	ng		98
84) Bis(2-ethylhexyl)phtha...	21.386	149	1693208	42.508	ng		96
85) Di-n-octyl phthalate	22.303	149	3086882	43.013	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.356	276	3382706	43.721	ng		99
88) Benzo(b)fluoranthene	23.144	252	2945316	45.839	ng	#	96
89) Benzo(k)fluoranthene	23.191	252	2826120	43.181	ng	#	96
90) Benzo(a)pyrene	23.768	252	2597081	41.145	ng		98
91) Dibenzo(a,h)anthracene	26.368	278	2697723	41.524	ng		98
92) Benzo(g,h,i)perylene	27.115	276	2863272	44.815	ng		99

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

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