Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039124.D
Acq On : 23 Mar 2023 20:04
Operator : CG/JU
Sample : 02045-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 04:32:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
WC2-20230322MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	256745	20.000	ng		-0.01
21) Naphthalene-d8	10.775	136	978172	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	513772	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	919794	20.000	ng		0.00
76) Chrysene-d12	21.527	240	773800	20.000	ng		0.00
86) Perylene-d12	23.956	264	1034230	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1802108	106.640	ng		0.00
7) Phenol-d6	7.128	99	2236049	101.869	ng		0.00
23) Nitrobenzene-d5	9.128	82	1362934	68.443	ng		-0.01
42) 2,4,6-Tribromophenol	16.092	330	617768	103.940	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	2690370	68.169	ng		0.00
79) Terphenyl-d14	19.962	244	2954750	69.815	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	295144	39.258	ng		99
3) Pyridine	3.793	79	768096	36.839	ng		99
4) n-Nitrosodimethylamine	3.699	42	329265	38.808	ng		93
6) Aniline	7.287	93	1087683	37.740	ng		99
8) 2-Chlorophenol	7.522	128	809909	45.017	ng		98
9) Benzaldehyde	7.098	77	554681	53.104	ng		94
10) Phenol	7.151	94	1010076	43.333	ng		98
11) bis(2-Chloroethyl)ether	7.381	93	810241	42.753	ng		99
12) 1,3-Dichlorobenzene	7.845	146	898549	46.996	ng		98
13) 1,4-Dichlorobenzene	7.998	146	913030	46.954	ng		99
14) 1,2-Dichlorobenzene	8.316	146	869374	46.414	ng		100
15) Benzyl Alcohol	8.204	79	677335m	43.052	ng		
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1032639	43.144	ng		98
17) 2-Methylphenol	8.410	107	652455	40.747	ng		98
18) Hexachloroethane	9.045	117	352682	49.158	ng		97
19) n-Nitroso-di-n-propyla...	8.775	70	586561	42.426	ng		97
20) 3+4-Methylphenols	8.739	107	868697	40.630	ng		99
22) Acetophenone	8.792	105	1203585	43.856	ng	#	97
24) Nitrobenzene	9.169	77	876029	41.854	ng		99
25) Isophorone	9.698	82	1588737	43.355	ng		100
26) 2-Nitrophenol	9.886	139	427317	46.347	ng		94
27) 2,4-Dimethylphenol	9.945	122	713989	44.716	ng		99
28) bis(2-Chloroethoxy)met...	10.181	93	1006448	42.745	ng		99
29) 2,4-Dichlorophenol	10.422	162	683827	45.173	ng		98
30) 1,2,4-Trichlorobenzene	10.633	180	757054	45.764	ng		99
31) Naphthalene	10.822	128	2629116	47.136	ng		100
32) Benzoic acid	10.075	122	426832	37.815	ng		99
33) 4-Chloroaniline	10.933	127	496737	20.897	ng		100
34) Hexachlorobutadiene	11.104	225	439699	46.350	ng		99
35) Caprolactam	11.733	113	181213	39.331	ng		95
36) 4-Chloro-3-methylphenol	12.063	107	689596	42.780	ng		99
37) 2-Methylnaphthalene	12.427	142	1567623	41.932	ng		99
38) 1-Methylnaphthalene	12.651	142	1446692	41.293	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	769844	46.092	ng		100
41) Hexachlorocyclopentadiene	12.774	237	860092	93.813	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	498119	46.055	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	527228	41.646	ng	97
46) 1,1'-Biphenyl	13.439	154	1947294	44.739	ng	99
47) 2-Chloronaphthalene	13.480	162	1470555	44.805	ng	99
48) 2-Nitroaniline	13.686	65	431250	41.360	ng	94
49) Acenaphthylene	14.321	152	2307000	44.128	ng	99
50) Dimethylphthalate	14.063	163	1678491	42.457	ng	100
51) 2,6-Dinitrotoluene	14.180	165	367003	42.159	ng	96
52) Acenaphthene	14.668	154	1358678	42.288	ng	99
53) 3-Nitroaniline	14.510	138	294590	29.457	ng	96
54) 2,4-Dinitrophenol	14.716	184	342528	68.928	ng	93
55) Dibenzofuran	14.998	168	2120750	42.181	ng	99
56) 4-Nitrophenol	14.821	139	667945	85.071	ng	95
57) 2,4-Dinitrotoluene	14.968	165	484237	42.340	ng	93
58) Fluorene	15.651	166	1667729	42.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	427109	43.745	ng	97
60) Diethylphthalate	15.421	149	1671835	43.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	793114	40.992	ng	98
62) 4-Nitroaniline	15.668	138	374150	36.403	ng	96
63) Azobenzene	15.933	77	1798317	44.182	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	238575	40.373	ng	94
66) n-Nitrosodiphenylamine	15.857	169	1369686	44.172	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	464784	46.783	ng	98
68) Hexachlorobenzene	16.651	284	513452	46.232	ng	99
69) Atrazine	16.809	200	428430	50.584	ng	98
70) Pentachlorophenol	16.998	266	640445	78.404	ng	99
71) Phenanthrene	17.392	178	3168202	58.688	ng	100
72) Anthracene	17.480	178	2555475	47.469	ng	99
73) Carbazole	17.751	167	2168608	44.138	ng	99
74) Di-n-butylphthalate	18.315	149	2734645	45.722	ng	99
75) Fluoranthene	19.403	202	3630187	63.690	ng	99
77) Benzidine	19.586	184	1168337	64.386	ng	98
78) Pyrene	19.762	202	3628030	62.424	ng	99
80) Butylbenzylphthalate	20.656	149	1136006	46.109	ng	99
81) Benzo(a)anthracene	21.509	228	3119674	55.983	ng	98
82) 3,3'-Dichlorobenzidine	21.444	252	848538	49.546	ng	99
83) Chrysene	21.562	228	2842896	52.454	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1737920	48.606	ng	99
85) Di-n-octyl phthalate	22.368	149	3007423	50.505	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	4208335	53.475	ng	99
88) Benzo(b)fluoranthene	23.221	252	3696395	55.944	ng	100
89) Benzo(k)fluoranthene	23.268	252	3108482	45.206	ng	99
90) Benzo(a)pyrene	23.850	252	3293256	51.788	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3185341	47.794	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3554373	54.511	ng	100

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

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