Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039097.D
Acq On : 22 Mar 2023 18:10
Operator : CG/JU
Sample : 02002-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
031023-3MSD

Quant Time: Mar 23 04:24:50 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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	300973	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1143146	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	589596	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1076492	20.000	ng		0.00
76) Chrysene-d12	21.533	240	948154	20.000	ng		0.00
86) Perylene-d12	23.962	264	1063042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2582315	130.353	ng		0.00
7) Phenol-d6	7.134	99	2956985	114.918	ng		0.00
23) Nitrobenzene-d5	9.140	82	2061756	88.594	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	924001	135.470	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	4020683	88.775	ng		0.00
79) Terphenyl-d14	19.974	244	4833005	93.195	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	367599	41.711	ng	#	42
3) Pyridine	3.810	79	739194	30.243	ng		99
4) n-Nitrosodimethylamine	3.710	42	437243	43.961	ng		96
6) Aniline	7.298	93	743544	22.008	ng		100
8) 2-Chlorophenol	7.528	128	1025375	48.618	ng		99
9) Benzaldehyde	7.104	77	306399	25.023	ng		97
10) Phenol	7.157	94	1168881	42.777	ng		98
11) bis(2-Chloroethyl)ether	7.393	93	1085148	48.845	ng		98
12) 1,3-Dichlorobenzene	7.857	146	1116066	49.795	ng		99
13) 1,4-Dichlorobenzene	8.004	146	1137790	49.914	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1090830	49.679	ng		99
15) Benzyl Alcohol	8.210	79	873757m	47.376	ng		
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1349204	48.087	ng		99
17) 2-Methylphenol	8.416	107	821477	43.763	ng		99
18) Hexachloroethane	9.051	117	427904	50.878	ng		97
19) n-Nitroso-di-n-propyla...	8.781	70	771477	47.601	ng		100
20) 3+4-Methylphenols	8.745	107	1087178	43.377	ng		99
22) Acetophenone	8.798	105	1560699	48.662	ng	#	99
24) Nitrobenzene	9.181	77	1149563	46.997	ng		98
25) Isophorone	9.710	82	2058599	48.069	ng		100
26) 2-Nitrophenol	9.892	139	526362	48.689	ng		96
27) 2,4-Dimethylphenol	9.951	122	889145	47.649	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1294091	47.029	ng		99
29) 2,4-Dichlorophenol	10.428	162	864097	48.843	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	937548	48.496	ng		99
31) Naphthalene	10.834	128	3029756	46.480	ng		99
32) Benzoic acid	10.087	122	592493	43.840	ng		97
33) 4-Chloroaniline	10.951	127	361531	13.014	ng		98
34) Hexachlorobutadiene	11.116	225	538110	48.538	ng		99
35) Caprolactam	11.739	113	212829	39.527	ng		97
36) 4-Chloro-3-methylphenol	12.063	107	865718	45.955	ng		99
37) 2-Methylnaphthalene	12.439	142	1958562	44.829	ng		99
38) 1-Methylnaphthalene	12.657	142	1815787	44.349	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	974103	50.821	ng		99
41) Hexachlorocyclopentadiene	12.780	237	1172385	111.431	ng		98
43) 2,4,6-Trichlorophenol	13.045	196	627393	50.547	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	665541	45.810	ng	97
46) 1,1'-Biphenyl	13.445	154	2489788	49.847	ng	99
47) 2-Chloronaphthalene	13.486	162	1884002	50.020	ng	98
48) 2-Nitroaniline	13.692	65	563723	46.804	ng	96
49) Acenaphthylene	14.333	152	2878968	47.987	ng	100
50) Dimethylphthalate	14.069	163	2132877	47.012	ng	100
51) 2,6-Dinitrotoluene	14.186	165	468295	46.706	ng	98
52) Acenaphthene	14.674	154	1742122	47.249	ng	99
53) 3-Nitroaniline	14.516	138	474674	40.719	ng	97
54) 2,4-Dinitrophenol	14.722	184	598259	102.198	ng	90
55) Dibenzofuran	15.004	168	2693508	46.683	ng	100
56) 4-Nitrophenol	14.822	139	806681	89.528	ng	98
57) 2,4-Dinitrotoluene	14.969	165	611176	46.360	ng	99
58) Fluorene	15.657	166	2103151	46.534	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	541507	48.330	ng	99
60) Diethylphthalate	15.427	149	2093798	47.431	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1026986	46.253	ng	99
62) 4-Nitroaniline	15.674	138	504557	42.472	ng	98
63) Azobenzene	15.939	77	2168250	46.420	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	350978	49.441	ng	94
66) n-Nitrosodiphenylamine	15.863	169	1749806	48.216	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	584803	50.296	ng	97
68) Hexachlorobenzene	16.657	284	662188	50.945	ng	99
69) Atrazine	16.816	200	512470	51.699	ng	98
70) Pentachlorophenol	17.004	266	869201	90.919	ng	99
71) Phenanthrene	17.398	178	3020093	47.801	ng	100
72) Anthracene	17.486	178	3054758	48.483	ng	100
73) Carbazole	17.757	167	2833630	49.278	ng	100
74) Di-n-butylphthalate	18.321	149	3443901	49.062	ng	99
75) Fluoranthene	19.409	202	3203402	48.021	ng	99
77) Benzidine	19.592	184	784710	37.496	ng	99
78) Pyrene	19.768	202	3409576	47.878	ng	100
80) Butylbenzylphthalate	20.668	149	1549136	50.941	ng	97
81) Benzo(a)anthracene	21.515	228	3356794	49.161	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	882726	42.064	ng	99
83) Chrysene	21.568	228	3143093	47.329	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2352068	53.427	ng	100
85) Di-n-octyl phthalate	22.374	149	4107729	55.862	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	4311934	53.306	ng	100
88) Benzo(b)fluoranthene	23.221	252	3505923	51.623	ng	99
89) Benzo(k)fluoranthene	23.274	252	3559531	50.362	ng	99
90) Benzo(a)pyrene	23.856	252	3119375	47.725	ng	100
91) Dibenzo(a,h)anthracene	26.521	278	3633247	53.037	ng	100
92) Benzo(g,h,i)perylene	27.280	276	3535853	52.757	ng	99

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

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