Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039234.D
Acq On : 30 Mar 2023 19:46
Operator : CG/JU
Sample : 02023-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRALMSD

Quant Time: Mar 31 02:41:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	289123	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	1095097	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	585611	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1069162	20.000	ng		0.00
76) Chrysene-d12	21.503	240	730357	20.000	ng		0.00
86) Perylene-d12	23.915	264	880994	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1949826	101.604	ng		0.00
7) Phenol-d6	7.092	99	2405230	96.902	ng		0.00
23) Nitrobenzene-d5	9.092	82	1490563	66.154	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	671766	90.367	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	2847554	65.883	ng		0.00
79) Terphenyl-d14	19.939	244	2916654	73.781	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	352670	44.961	ng		99
3) Pyridine	3.763	79	902343	41.063	ng		98
4) n-Nitrosodimethylamine	3.669	42	401822	46.560	ng		100
6) Aniline	7.251	93	935967	30.467	ng		100
8) 2-Chlorophenol	7.486	128	927864	47.240	ng		99
9) Benzaldehyde	7.057	77	600001	42.446	ng		98
10) Phenol	7.122	94	1160747	46.664	ng		99
11) bis(2-Chloroethyl)ether	7.345	93	939055	46.927	ng		100
12) 1,3-Dichlorobenzene	7.810	146	1011521	48.560	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1021941	48.520	ng		98
14) 1,2-Dichlorobenzene	8.275	146	969494	48.138	ng		100
15) Benzyl Alcohol	8.169	79	782039	45.808	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1199154	46.850	ng		100
17) 2-Methylphenol	8.375	107	737385	42.371	ng		99
18) Hexachloroethane	9.004	117	400787	49.192	ng		97
19) n-Nitroso-di-n-propyla...	8.739	70	685693	43.215	ng		99
20) 3+4-Methylphenols	8.704	107	987369	42.222	ng		99
22) Acetophenone	8.757	105	1363087	46.553	ng	#	99
24) Nitrobenzene	9.139	77	1007487	44.954	ng		99
25) Isophorone	9.663	82	1826188	43.445	ng		100
26) 2-Nitrophenol	9.845	139	483246	46.646	ng		98
27) 2,4-Dimethylphenol	9.910	122	800377	46.498	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1156270	45.442	ng		100
29) 2,4-Dichlorophenol	10.386	162	772798	46.015	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	844270	46.989	ng		98
31) Naphthalene	10.786	128	2672546	45.291	ng		100
32) Benzoic acid	10.063	122	586592	43.723	ng		98
33) 4-Chloroaniline	10.904	127	336689	13.024	ng		99
34) Hexachlorobutadiene	11.069	225	499984	47.324	ng		100
35) Caprolactam	11.698	113	225383	38.650	ng		96
36) 4-Chloro-3-methylphenol	12.027	107	780177	42.104	ng		98
37) 2-Methylnaphthalene	12.392	142	1751308	42.634	ng		99
38) 1-Methylnaphthalene	12.616	142	1623095	42.198	ng		100
40) 1,2,4,5-Tetrachloroben...	12.763	216	874076	49.023	ng		100
41) Hexachlorocyclopentadiene	12.739	237	718072	73.719	ng		97
43) 2,4,6-Trichlorophenol	13.004	196	563756	46.363	ng		99

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44) 2,4,5-Trichlorophenol	13.074	196	598576	41.991	ng		99
46) 1,1'-Biphenyl	13.404	154	2186506	47.282	ng		99
47) 2-Chloronaphthalene	13.445	162	1672810	47.774	ng		99
48) 2-Nitroaniline	13.657	65	502743	42.666	ng		97
49) Acenaphthylene	14.292	152	2678611	46.545	ng		99
50) Dimethylphthalate	14.033	163	1921706	42.580	ng		99
51) 2,6-Dinitrotoluene	14.151	165	417362	43.004	ng		98
52) Acenaphthene	14.633	154	1580059	46.498	ng		100
53) 3-Nitroaniline	14.480	138	291872	26.014	ng		97
54) 2,4-Dinitrophenol	14.692	184	482715	83.986	ng		96
55) Dibenzofuran	14.968	168	2402479	43.914	ng		99
56) 4-Nitrophenol	14.792	139	761773	88.048	ng		95
57) 2,4-Dinitrotoluene	14.939	165	558666	42.552	ng		94
58) Fluorene	15.615	166	1990036	45.937	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	494852	43.637	ng	#	100
60) Diethylphthalate	15.392	149	1941202	42.733	ng		100
61) 4-Chlorophenyl-phenyle...	15.609	204	935328	43.565	ng		99
62) 4-Nitroaniline	15.645	138	418395	36.339	ng		99
63) Azobenzene	15.904	77	2269158	49.859	ng		100
65) 4,6-Dinitro-2-methylph...	15.704	198	302260	42.973	ng		93
66) n-Nitrosodiphenylamine	15.827	169	1588967	47.163	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	537928	47.112	ng		98
68) Hexachlorobenzene	16.621	284	597342	48.249	ng		98
69) Atrazine	16.780	200	495966	46.479	ng		99
70) Pentachlorophenol	16.968	266	736041	82.865	ng		100
71) Phenanthrene	17.362	178	3022520	51.617	ng		100
72) Anthracene	17.451	178	2828841	47.378	ng		99
73) Carbazole	17.721	167	2370919	42.495	ng		100
74) Di-n-butylphthalate	18.286	149	3116817	45.161	ng		99
75) Fluoranthene	19.380	202	3181420	47.662	ng		99
77) Benzidine	19.562	184	727443	37.761	ng		99
78) Pyrene	19.739	202	3691124	70.992	ng		100
80) Butylbenzylphthalate	20.633	149	1198324	50.308	ng		96
81) Benzo(a)anthracene	21.486	228	2668394	51.804	ng		99
82) 3,3'-Dichlorobenzidine	21.421	252	685086	39.926	ng		99
83) Chrysene	21.538	228	2476683	49.807	ng		100
84) Bis(2-ethylhexyl)phtha...	21.409	149	1761691	50.077	ng		100
85) Di-n-octyl phthalate	22.338	149	2825192	44.574	ng		100
87) Indeno(1,2,3-cd)pyrene	26.432	276	3495463	53.850	ng		99
88) Benzo(b)fluoranthene	23.180	252	2697840	50.047	ng		100
89) Benzo(k)fluoranthene	23.233	252	2589964	47.168	ng		99
90) Benzo(a)pyrene	23.809	252	2611241	49.310	ng		100
91) Dibenzo(a,h)anthracene	26.450	278	2777685	50.962	ng		100
92) Benzo(g,h,i)perylene	27.203	276	2948067	54.999	ng		99

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

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