Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039050.D
Acq On : 20 Mar 2023 18:39
Operator : CG/JU
Sample : 01965-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

Quant Time: Mar 21 01:47:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	331386	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1289851	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	675712	20.000	ng		0.00
64) Phenanthrene-d10	17.356	188	1232584	20.000	ng		0.00
76) Chrysene-d12	21.538	240	970985	20.000	ng		0.00
86) Perylene-d12	23.974	264	1160003	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2188027	100.313	ng		0.00
7) Phenol-d6	7.134	99	2861126	100.987	ng		0.00
23) Nitrobenzene-d5	9.139	82	1759261	66.997	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	705157	90.209	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	3401938	65.540	ng		0.00
79) Terphenyl-d14	19.974	244	3786631	71.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	397962	41.012	ng		99
3) Pyridine	3.798	79	1038143	38.576	ng		98
4) n-Nitrosodimethylamine	3.710	42	481598	43.977	ng		96
6) Aniline	7.298	93	971241	26.109	ng		100
8) 2-Chlorophenol	7.534	128	1084894	46.719	ng		99
9) Benzaldehyde	7.104	77	845391	62.706	ng		98
10) Phenol	7.163	94	1407891	46.795	ng		98
11) bis(2-Chloroethyl)ether	7.392	93	1097536	44.869	ng		100
12) 1,3-Dichlorobenzene	7.863	146	1165624	47.233	ng		99
13) 1,4-Dichlorobenzene	8.010	146	1179847	47.009	ng		99
14) 1,2-Dichlorobenzene	8.328	146	1135215	46.956	ng		99
15) Benzyl Alcohol	8.216	79	946126	46.592	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1445632	46.795	ng		100
17) 2-Methylphenol	8.416	107	884377	42.790	ng		98
18) Hexachloroethane	9.057	117	451594	48.767	ng		99
19) n-Nitroso-di-n-propyla...	8.786	70	821400	46.030	ng		99
20) 3+4-Methylphenols	8.745	107	1173782	42.534	ng		98
22) Acetophenone	8.804	105	1610669	44.508	ng	#	99
24) Nitrobenzene	9.186	77	1206111	43.700	ng		99
25) Isophorone	9.716	82	2171319	44.935	ng		100
26) 2-Nitrophenol	9.898	139	550320	45.335	ng		97
27) 2,4-Dimethylphenol	9.957	122	966773	45.917	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	1384723	44.599	ng		100
29) 2,4-Dichlorophenol	10.433	162	904746	45.324	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	970558	44.494	ng		100
31) Naphthalene	10.839	128	3178915	43.221	ng		100
32) Benzoic acid	10.086	122	690694	45.104	ng		98
33) 4-Chloroaniline	10.945	127	242103	7.724	ng		98
34) Hexachlorobutadiene	11.122	225	549380	43.918	ng		99
35) Caprolactam	11.739	113	270875	44.585	ng		96
36) 4-Chloro-3-methylphenol	12.069	107	941442	44.291	ng		99
37) 2-Methylnaphthalene	12.445	142	2048370	41.552	ng		99
38) 1-Methylnaphthalene	12.663	142	1926544	41.702	ng		100
40) 1,2,4,5-Tetrachloroben...	12.810	216	1001902	45.609	ng		99
41) Hexachlorocyclopentadiene	12.792	237	1278330	106.016	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	660926	46.463	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	702753	42.207	ng	99
46) 1,1'-Biphenyl	13.451	154	2600979	45.436	ng	99
47) 2-Chloronaphthalene	13.492	162	1964727	45.515	ng	99
48) 2-Nitroaniline	13.692	65	601253	43.711	ng	100
49) Acenaphthylene	14.333	152	3054223	44.420	ng	100
50) Dimethylphthalate	14.074	163	2245954	43.195	ng	100
51) 2,6-Dinitrotoluene	14.186	165	488662	42.663	ng	97
52) Acenaphthene	14.674	154	1849797	43.776	ng	98
53) 3-Nitroaniline	14.515	138	209348	16.647	ng	97
54) 2,4-Dinitrophenol	14.721	184	575255	86.580	ng	95
55) Dibenzofuran	15.009	168	2810189	42.498	ng	99
56) 4-Nitrophenol	14.821	139	938804	90.912	ng	98
57) 2,4-Dinitrotoluene	14.974	165	641261	42.618	ng	99
58) Fluorene	15.657	166	2234263	43.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	565060	44.004	ng	99
60) Diethylphthalate	15.433	149	2263197	44.734	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1092458	42.931	ng	98
62) 4-Nitroaniline	15.680	138	502758	37.155	ng	99
63) Azobenzene	15.945	77	2505592	46.805	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	345749	43.247	ng	100
66) n-Nitrosodiphenylamine	15.868	169	1863776	44.853	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	616451	46.303	ng	96
68) Hexachlorobenzene	16.662	284	685052	46.030	ng	100
69) Atrazine	16.821	200	590649	52.040	ng	97
70) Pentachlorophenol	17.003	266	904182	82.601	ng	99
71) Phenanthrene	17.398	178	3136419	43.356	ng	100
72) Anthracene	17.492	178	3214985	44.564	ng	100
73) Carbazole	17.762	167	2893302	43.944	ng	100
74) Di-n-butylphthalate	18.327	149	3755690	46.813	ng	100
75) Fluoranthene	19.409	202	3187185	41.728	ng	98
77) Benzidine	19.597	184	1491540	65.420	ng	99
78) Pyrene	19.774	202	3369715	46.205	ng	99
80) Butylbenzylphthalate	20.674	149	1515684	48.817	ng	98
81) Benzo(a)anthracene	21.521	228	3116768	44.573	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	766770	35.679	ng	98
83) Chrysene	21.574	228	2901861	42.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	2235677	49.767	ng	100
85) Di-n-octyl phthalate	22.385	149	3726442	49.919	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4451831	50.436	ng	99
88) Benzo(b)fluoranthene	23.227	252	3405686	45.955	ng	99
89) Benzo(k)fluoranthene	23.280	252	3244966	42.074	ng	100
90) Benzo(a)pyrene	23.862	252	3063685	42.955	ng	99
91) Dibenzo(a,h)anthracene	26.532	278	3738062	50.006	ng	99
92) Benzo(g,h,i)perylene	27.291	276	3657123	50.006	ng	98

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

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