Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039257.D
Acq On : 31 Mar 2023 17:33
Operator : CG/JU
Sample : 02102-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHAMBER-C-72-EASTMS

Quant Time: Mar 31 18:14:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	240886	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	936067	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	506608	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	948566	20.000	ng		0.00
76) Chrysene-d12	21.497	240	716345	20.000	ng		0.00
86) Perylene-d12	23.903	264	761706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2200054	137.601	ng		0.01
7) Phenol-d6	7.093	99	2603806	125.909	ng		0.00
23) Nitrobenzene-d5	9.092	82	1861402	96.648	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	883409	137.369	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	3741434	100.064	ng		0.00
79) Terphenyl-d14	19.933	244	4472158	115.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	265164	40.574	ng	#	49
3) Pyridine	3.775	79	588256	32.130	ng		99
4) n-Nitrosodimethylamine	3.675	42	333539	46.387	ng		96
6) Aniline	7.251	93	489881	19.139	ng		99
8) 2-Chlorophenol	7.487	128	767509	46.901	ng		98
9) Benzaldehyde	7.057	77	304390	25.846	ng		99
10) Phenol	7.116	94	898978	43.378	ng		100
11) bis(2-Chloroethyl)ether	7.345	93	809422	48.549	ng		99
12) 1,3-Dichlorobenzene	7.810	146	746816	43.032	ng		100
13) 1,4-Dichlorobenzene	7.957	146	762095	43.428	ng		98
14) 1,2-Dichlorobenzene	8.275	146	748145	44.586	ng		99
15) Benzyl Alcohol	8.169	79	706043	49.638	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1031623	48.376	ng		99
17) 2-Methylphenol	8.369	107	629171	43.392	ng		99
18) Hexachloroethane	8.998	117	292755	43.128	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	622164	47.064	ng		99
20) 3+4-Methylphenols	8.704	107	847910	43.519	ng		98
22) Acetophenone	8.751	105	1220573	48.768	ng	#	99
24) Nitrobenzene	9.134	77	899068	46.932	ng		100
25) Isophorone	9.663	82	1691572	47.080	ng		100
26) 2-Nitrophenol	9.845	139	413358	46.678	ng		97
27) 2,4-Dimethylphenol	9.904	122	708151	48.129	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	1055649	48.535	ng		100
29) 2,4-Dichlorophenol	10.381	162	687984	47.924	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	716699	46.666	ng		100
31) Naphthalene	10.781	128	2290671	45.415	ng		99
32) Benzoic acid	10.057	122	451564	39.377	ng		99
33) 4-Chloroaniline	10.898	127	267285	12.096	ng		99
34) Hexachlorobutadiene	11.063	225	405080	44.855	ng		97
35) Caprolactam	11.698	113	188384	37.794	ng		92
36) 4-Chloro-3-methylphenol	12.027	107	721452	45.550	ng		98
37) 2-Methylnaphthalene	12.392	142	1581177	45.031	ng		100
38) 1-Methylnaphthalene	12.610	142	1468904	44.677	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	796326	51.628	ng		99
41) Hexachlorocyclopentadiene	12.733	237	879265	104.345	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	518609	49.301	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	553944	44.920	ng	98
46) 1,1'-Biphenyl	13.398	154	2058994	51.468	ng	99
47) 2-Chloronaphthalene	13.445	162	1543874	50.968	ng	99
48) 2-Nitroaniline	13.651	65	483862	47.468	ng	99
49) Acenaphthylene	14.286	152	2399165	48.191	ng	99
50) Dimethylphthalate	14.027	163	1866171	47.798	ng	100
51) 2,6-Dinitrotoluene	14.151	165	402086	47.890	ng	100
52) Acenaphthene	14.627	154	1444316	49.131	ng	100
53) 3-Nitroaniline	14.480	138	258772	26.661	ng	97
54) 2,4-Dinitrophenol	14.686	184	386473	77.727	ng	99
55) Dibenzofuran	14.963	168	2244210	47.418	ng	98
56) 4-Nitrophenol	14.792	139	648823	86.688	ng	98
57) 2,4-Dinitrotoluene	14.933	165	533065	46.934	ng	94
58) Fluorene	15.615	166	1780570	47.511	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	455383	46.419	ng	100
60) Diethylphthalate	15.386	149	1830943	46.592	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	891580	48.003	ng	98
62) 4-Nitroaniline	15.639	138	399440	40.103	ng	96
63) Azobenzene	15.898	77	1878927	47.723	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	267870	42.925	ng	96
66) n-Nitrosodiphenylamine	15.821	169	1507575	50.436	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	521560	51.486	ng	98
68) Hexachlorobenzene	16.615	284	582656	53.046	ng	98
69) Atrazine	16.780	200	475201	50.195	ng	100
70) Pentachlorophenol	16.962	266	713997	90.603	ng	99
71) Phenanthrene	17.357	178	2557486	49.228	ng	100
72) Anthracene	17.445	178	2578298	48.671	ng	99
73) Carbazole	17.721	167	2354415	47.564	ng	99
74) Di-n-butylphthalate	18.280	149	3053596	49.870	ng	100
75) Fluoranthene	19.368	202	2681391	45.278	ng	100
77) Benzidine	19.556	184	516900	27.357	ng	99
78) Pyrene	19.733	202	2800041	54.907	ng	100
80) Butylbenzylphthalate	20.627	149	1216425	52.067	ng	96
81) Benzo(a)anthracene	21.480	228	2476426	49.018	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	614680	36.523	ng	99
83) Chrysene	21.533	228	2322347	47.617	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	1775222	51.449	ng	100
85) Di-n-octyl phthalate	22.333	149	2938142	47.263	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	3018049	53.776	ng	100
88) Benzo(b)fluoranthene	23.174	252	2461747	52.819	ng	99
89) Benzo(k)fluoranthene	23.221	252	2388768	50.317	ng	99
90) Benzo(a)pyrene	23.797	252	2152653	47.016	ng	99
91) Dibenzo(a,h)anthracene	26.432	278	2536246	53.819	ng	99
92) Benzo(g,h,i)perylene	27.191	276	2507009	54.095	ng	99

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

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