Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039258.D
Acq On : 31 Mar 2023 18:10
Operator : CG/JU
Sample : 02102-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Apr 01 05:20:43 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	234282	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	931103	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	508805	20.000	ng		0.00
64) Phenanthrene-d10	17.309	188	949078	20.000	ng		0.00
76) Chrysene-d12	21.497	240	714322	20.000	ng		0.00
86) Perylene-d12	23.903	264	771983	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2164987	139.224	ng		0.01
7) Phenol-d6	7.092	99	2556759	127.119	ng		0.00
23) Nitrobenzene-d5	9.092	82	1836042	95.839	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	882364	136.615	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	3725290	99.202	ng		0.00
79) Terphenyl-d14	19.933	244	4468846	115.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	259312	40.797	ng	#	48
3) Pyridine	3.775	79	570695	32.050	ng		98
4) n-Nitrosodimethylamine	3.675	42	319658	45.710	ng		98
6) Aniline	7.251	93	470983	18.920	ng		99
8) 2-Chlorophenol	7.487	128	752364	47.271	ng		99
9) Benzaldehyde	7.057	77	300326	26.220	ng		99
10) Phenol	7.116	94	879681	43.643	ng		99
11) bis(2-Chloroethyl)ether	7.345	93	801260	49.414	ng		98
12) 1,3-Dichlorobenzene	7.810	146	734531	43.517	ng		99
13) 1,4-Dichlorobenzene	7.957	146	747601	43.803	ng		99
14) 1,2-Dichlorobenzene	8.275	146	732723	44.897	ng		99
15) Benzyl Alcohol	8.169	79	693190	50.108	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1014578	48.918	ng		99
17) 2-Methylphenol	8.369	107	621941	44.103	ng		98
18) Hexachloroethane	8.998	117	288726	43.733	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	609594	47.413	ng		99
20) 3+4-Methylphenols	8.704	107	838720	44.261	ng		100
22) Acetophenone	8.751	105	1204947	48.401	ng	#	99
24) Nitrobenzene	9.134	77	877385	46.044	ng		99
25) Isophorone	9.663	82	1676542	46.910	ng		100
26) 2-Nitrophenol	9.845	139	405700	46.058	ng		99
27) 2,4-Dimethylphenol	9.904	122	702894	48.027	ng		98
28) bis(2-Chloroethoxy)met...	10.139	93	1051011	48.580	ng		100
29) 2,4-Dichlorophenol	10.380	162	683230	47.847	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	706907	46.274	ng		99
31) Naphthalene	10.780	128	2273081	45.306	ng		99
32) Benzoic acid	10.057	122	449477	39.404	ng		97
33) 4-Chloroaniline	10.898	127	260885	11.869	ng		99
34) Hexachlorobutadiene	11.063	225	401462	44.692	ng		99
35) Caprolactam	11.698	113	187280	37.772	ng		94
36) 4-Chloro-3-methylphenol	12.027	107	714832	45.372	ng		98
37) 2-Methylnaphthalene	12.392	142	1565257	44.816	ng		99
38) 1-Methylnaphthalene	12.610	142	1466323	44.837	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	792207	51.139	ng		99
41) Hexachlorocyclopentadiene	12.733	237	888090	104.937	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	516476	48.886	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	552688	44.624	ng	98
46) 1,1'-Biphenyl	13.398	154	2037878	50.720	ng	99
47) 2-Chloronaphthalene	13.445	162	1541163	50.659	ng	99
48) 2-Nitroaniline	13.651	65	481587	47.040	ng	99
49) Acenaphthylene	14.286	152	2399300	47.985	ng	99
50) Dimethylphthalate	14.027	163	1874215	47.797	ng	100
51) 2,6-Dinitrotoluene	14.145	165	402140	47.690	ng	95
52) Acenaphthene	14.627	154	1440008	48.773	ng	99
53) 3-Nitroaniline	14.474	138	254730	26.131	ng	95
54) 2,4-Dinitrophenol	14.686	184	394631	79.025	ng	97
55) Dibenzofuran	14.963	168	2238019	47.083	ng	99
56) 4-Nitrophenol	14.792	139	643668	85.627	ng	96
57) 2,4-Dinitrotoluene	14.933	165	536426	47.026	ng	94
58) Fluorene	15.615	166	1767282	46.953	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	453842	46.062	ng	99
60) Diethylphthalate	15.386	149	1845789	46.767	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	889999	47.711	ng	99
62) 4-Nitroaniline	15.639	138	395104	39.496	ng	97
63) Azobenzene	15.898	77	1886177	47.700	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	267727	42.879	ng	97
66) n-Nitrosodiphenylamine	15.821	169	1509773	50.482	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	525237	51.821	ng	98
68) Hexachlorobenzene	16.615	284	584162	53.154	ng	97
69) Atrazine	16.780	200	476480	50.303	ng	99
70) Pentachlorophenol	16.962	266	712626	90.380	ng	100
71) Phenanthrene	17.357	178	2567399	49.393	ng	99
72) Anthracene	17.445	178	2574284	48.569	ng	99
73) Carbazole	17.721	167	2328092	47.007	ng	99
74) Di-n-butylphthalate	18.280	149	3048728	49.763	ng	100
75) Fluoranthene	19.368	202	2688893	45.380	ng	99
77) Benzidine	19.556	184	551380	29.265	ng	100
78) Pyrene	19.733	202	2754364	54.164	ng	100
80) Butylbenzylphthalate	20.627	149	1213816	52.102	ng	96
81) Benzo(a)anthracene	21.480	228	2469413	49.017	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	618700	36.866	ng	99
83) Chrysene	21.533	228	2303449	47.363	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1775683	51.608	ng	99
85) Di-n-octyl phthalate	22.333	149	2930052	47.266	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	3111375	54.701	ng	100
88) Benzo(b)fluoranthene	23.174	252	2439486	51.645	ng	100
89) Benzo(k)fluoranthene	23.221	252	2352510	48.894	ng	99
90) Benzo(a)pyrene	23.797	252	2171727	46.801	ng	100
91) Dibenzo(a,h)anthracene	26.432	278	2614645	54.744	ng	99
92) Benzo(g,h,i)perylene	27.185	276	2592922	55.204	ng	99

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

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