Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
Data File : BM039281.D
Acq On : 03 Apr 2023 16:21
Operator : CG/JU
Sample : 02161-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-5MSD

Quant Time: Apr 03 17:06:23 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	7.916	152	232528	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	930542	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	527942	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1024287	20.000	ng	0.00
76) Chrysene-d12	21.497	240	784242	20.000	ng	0.00
86) Perylene-d12	23.909	264	984431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1935465	125.403	ng	0.00
7) Phenol-d6	7.086	99	2440847	122.271	ng	0.00
23) Nitrobenzene-d5	9.086	82	1462374	76.380	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	766669	114.399	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2893661	74.263	ng	0.00
79) Terphenyl-d14	19.933	244	3423318	80.648	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	274410	43.498	ng	99
3) Pyridine	3.751	79	749067	42.385	ng	99
4) n-Nitrosodimethylamine	3.663	42	334345	48.170	ng	98
6) Aniline	7.239	93	917093	37.118	ng	99
8) 2-Chlorophenol	7.481	128	782209	49.517	ng	99
9) Benzaldehyde	7.051	77	461578	40.602	ng	98
10) Phenol	7.116	94	1010775	50.525	ng	99
11) bis(2-Chloroethyl)ether	7.339	93	764386	47.495	ng	100
12) 1,3-Dichlorobenzene	7.804	146	815655	48.688	ng	98
13) 1,4-Dichlorobenzene	7.951	146	825483	48.731	ng	98
14) 1,2-Dichlorobenzene	8.269	146	793836	49.009	ng	100
15) Benzyl Alcohol	8.163	79	686206	49.977	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.451	45	989415	48.064	ng	100
17) 2-Methylphenol	8.369	107	647736	46.279	ng	99
18) Hexachloroethane	8.998	117	313278	47.810	ng	97
19) n-Nitroso-di-n-propyla...	8.733	70	582650	45.659	ng	98
20) 3+4-Methylphenols	8.698	107	874645	46.505	ng	99
22) Acetophenone	8.745	105	1152962	46.340	ng	99
24) Nitrobenzene	9.128	77	860074	45.163	ng	100
25) Isophorone	9.657	82	1592449	44.584	ng	100
26) 2-Nitrophenol	9.839	139	418655	47.557	ng	97
27) 2,4-Dimethylphenol	9.904	122	711103	48.617	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	976974	45.185	ng	99
29) 2,4-Dichlorophenol	10.374	162	686646	48.115	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	705053	46.180	ng	98
31) Naphthalene	10.780	128	2253218	44.938	ng	100
32) Benzoic acid	10.063	122	540213	47.387	ng	98
33) 4-Chloroaniline	10.892	127	322726	14.691	ng	100
34) Hexachlorobutadiene	11.057	225	405220	45.137	ng	99
35) Caprolactam	11.692	113	221518	44.705	ng	94
36) 4-Chloro-3-methylphenol	12.021	107	729633	46.340	ng	98
37) 2-Methylnaphthalene	12.386	142	1505715	43.137	ng	100
38) 1-Methylnaphthalene	12.604	142	1395075	42.684	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	761972	47.404	ng	99
41) Hexachlorocyclopentadiene	12.733	237	859770	97.908	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	523402	47.746	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	558972	43.496	ng	97
46) 1,1'-Biphenyl	13.398	154	1959435	47.000	ng	99
47) 2-Chloronaphthalene	13.439	162	1492487	47.280	ng	99
48) 2-Nitroaniline	13.651	65	481733	45.349	ng	99
49) Acenaphthylene	14.286	152	2352207	45.338	ng	99
50) Dimethylphthalate	14.027	163	1779622	43.739	ng	99
51) 2,6-Dinitrotoluene	14.145	165	392826	44.897	ng	97
52) Acenaphthene	14.627	154	1391974	45.437	ng	99
53) 3-Nitroaniline	14.474	138	257831	25.490	ng	97
54) 2,4-Dinitrophenol	14.686	184	478214	92.291	ng	96
55) Dibenzofuran	14.962	168	2199487	44.595	ng	99
56) 4-Nitrophenol	14.792	139	726286	93.116	ng	96
57) 2,4-Dinitrotoluene	14.933	165	530669	44.835	ng	94
58) Fluorene	15.609	166	1754042	44.912	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	470634	46.035	ng	100
60) Diethylphthalate	15.386	149	1788109	43.663	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	858512	44.355	ng	98
62) 4-Nitroaniline	15.639	138	415549	40.034	ng	98
63) Azobenzene	15.898	77	1954863	47.645	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	300794	44.638	ng	95
66) n-Nitrosodiphenylamine	15.821	169	1512821	46.870	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	518027	47.357	ng	98
68) Hexachlorobenzene	16.615	284	584373	49.269	ng	98
69) Atrazine	16.774	200	493832	48.306	ng	99
70) Pentachlorophenol	16.962	266	728764	85.640	ng	98
71) Phenanthrene	17.356	178	2564134	45.708	ng	100
72) Anthracene	17.445	178	2621522	45.829	ng	99
73) Carbazole	17.721	167	2380998	44.545	ng	100
74) Di-n-butylphthalate	18.280	149	3016870	45.628	ng	100
75) Fluoranthene	19.368	202	2624463	41.041	ng	99
77) Benzidine	19.562	184	1218956	58.928	ng	99
78) Pyrene	19.733	202	2710027	48.541	ng	100
80) Butylbenzylphthalate	20.627	149	1206724	47.180	ng	97
81) Benzo(a)anthracene	21.480	228	2542329	45.965	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	833754	45.251	ng	99
83) Chrysene	21.533	228	2376306	44.505	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1789823	47.381	ng	99
85) Di-n-octyl phthalate	22.333	149	3014835	44.298	ng	100
87) Indeno(1,2,3-cd)pyrene	26.426	276	3734341	51.485	ng	100
88) Benzo(b)fluoranthene	23.174	252	2729754	45.318	ng	99
89) Benzo(k)fluoranthene	23.221	252	2713932	44.233	ng	99
90) Benzo(a)pyrene	23.803	252	2554498	43.170	ng	100
91) Dibenzo(a,h)anthracene	26.438	278	3107492	51.022	ng	99
92) Benzo(g,h,i)perylene	27.191	276	3109104	51.909	ng	99

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

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