Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039077.D
Acq On : 21 Mar 2023 20:14
Operator : CG/JU
Sample : 02001-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRV-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 03:44:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	385746	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1588676	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	854769	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1523604	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1130068	20.000	ng	0.00
86) Perylene-d12	23.962	264	1356944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3123104	123.006	ng	0.00
7) Phenol-d6	7.134	99	4005581	121.459	ng	0.00
23) Nitrobenzene-d5	9.139	82	2430857	75.161	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1118186	113.082	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4605229	70.137	ng	0.00
79) Terphenyl-d14	19.974	244	4652091	75.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	399309	35.351	ng	99
3) Pyridine	3.793	79	1041794	33.256	ng	98
4) n-Nitrosodimethylamine	3.704	42	513268	40.264	ng	92
6) Aniline	7.292	93	1750983	40.437	ng	99
8) 2-Chlorophenol	7.528	128	1354592	50.113	ng	99
9) Benzaldehyde	7.104	77	943148	60.098	ng	97
10) Phenol	7.157	94	1744323	49.807	ng	99
11) bis(2-Chloroethyl)ether	7.392	93	1345412	47.251	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1388016	48.319	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1407970	48.193	ng	98
14) 1,2-Dichlorobenzene	8.322	146	1363656	48.456	ng	99
15) Benzyl Alcohol	8.210	79	1164786m	49.276	ng	
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1770215	49.227	ng	99
17) 2-Methylphenol	8.416	107	1131511	47.033	ng	98
18) Hexachloroethane	9.051	117	541799	50.263	ng	97
19) n-Nitroso-di-n-propyla...	8.787	70	1031696	49.667	ng	98
20) 3+4-Methylphenols	8.745	107	1495284	46.549	ng	99
22) Acetophenone	8.798	105	2011538	45.130	ng	98
24) Nitrobenzene	9.181	77	1486190	43.720	ng	98
25) Isophorone	9.710	82	2771627	46.569	ng	100
26) 2-Nitrophenol	9.892	139	712694	47.514	ng	94
27) 2,4-Dimethylphenol	9.951	122	1243287	47.943	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1796159	46.969	ng	99
29) 2,4-Dichlorophenol	10.428	162	1199224	48.776	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	1244888	46.335	ng	99
31) Naphthalene	10.833	128	4002088	44.178	ng	100
32) Benzoic acid	10.098	122	893151	47.068	ng	99
33) 4-Chloroaniline	10.945	127	862661	22.345	ng	100
34) Hexachlorobutadiene	11.116	225	719144	46.676	ng	99
35) Caprolactam	11.739	113	332944	44.494	ng	97
36) 4-Chloro-3-methylphenol	12.063	107	1216365	46.461	ng	98
37) 2-Methylnaphthalene	12.439	142	2664763	43.888	ng	99
38) 1-Methylnaphthalene	12.657	142	2482801	43.634	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	1325245	47.691	ng	99
41) Hexachlorocyclopentadiene	12.786	237	1366873	89.613	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	879154	48.857	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	937725	44.521	ng	97
46) 1,1'-Biphenyl	13.445	154	3438423	47.483	ng	99
47) 2-Chloronaphthalene	13.486	162	2584046	47.322	ng	100
48) 2-Nitroaniline	13.692	65	751273	43.204	ng	94
49) Acenaphthylene	14.333	152	4154023	47.759	ng	99
50) Dimethylphthalate	14.069	163	2974839	45.228	ng	100
51) 2,6-Dinitrotoluene	14.186	165	640207	44.130	ng	97
52) Acenaphthene	14.674	154	2412348	45.130	ng	100
53) 3-Nitroaniline	14.516	138	505472	30.331	ng	95
54) 2,4-Dinitrophenol	14.721	184	796381	94.263	ng	91
55) Dibenzofuran	15.010	168	3661156	43.769	ng	100
56) 4-Nitrophenol	14.821	139	1137595	87.086	ng	97
57) 2,4-Dinitrotoluene	14.968	165	825322	43.324	ng	98
58) Fluorene	15.657	166	2881500	43.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	741528	45.650	ng	99
60) Diethylphthalate	15.433	149	2956614	46.198	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1446084	44.924	ng	99
62) 4-Nitroaniline	15.680	138	653010	38.103	ng	97
63) Azobenzene	15.939	77	3320520	49.035	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	465818	46.679	ng	93
66) n-Nitrosodiphenylamine	15.863	169	2412343	46.966	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	818452	49.734	ng	99
68) Hexachlorobenzene	16.657	284	891608	48.465	ng	99
69) Atrazine	16.815	200	744374	53.057	ng	99
70) Pentachlorophenol	17.004	266	1120503	82.811	ng	99
71) Phenanthrene	17.398	178	4463711	49.918	ng	100
72) Anthracene	17.486	178	4195866	47.052	ng	100
73) Carbazole	17.757	167	3595279	44.175	ng	99
74) Di-n-butylphthalate	18.321	149	4783397	48.180	ng	99
75) Fluoranthene	19.409	202	5736593	60.759	ng	99
77) Benzidine	19.592	184	1769590	66.595	ng	98
78) Pyrene	19.774	202	5857198	69.008	ng	100
80) Butylbenzylphthalate	20.668	149	1884242	51.918	ng	97
81) Benzo(a)anthracene	21.515	228	5036333	61.885	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	1235732	49.406	ng	100
83) Chrysene	21.574	228	4573705	57.785	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	2846316	54.208	ng	100
85) Di-n-octyl phthalate	22.380	149	4902843	55.936	ng	98
87) Indeno(1,2,3-cd)pyrene	26.509	276	5645283	54.674	ng	99
88) Benzo(b)fluoranthene	23.227	252	5314847	61.308	ng	99
89) Benzo(k)fluoranthene	23.274	252	4650559	51.547	ng	99
90) Benzo(a)pyrene	23.862	252	4810280	57.654	ng	100
91) Dibenzo(a,h)anthracene	26.521	278	4244294	48.538	ng	98
92) Benzo(g,h,i)perylene	27.285	276	4693165	54.858	ng	99

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

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