Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039148.D
Acq On : 24 Mar 2023 19:06
Operator : CG/JU
Sample : 02045-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC1-20230322MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 01:07:28 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 24 15:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	275024	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	1040483	20.000	ng		0.00
39) Acenaphthene-d10	14.592	164	530675	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	947209	20.000	ng		0.00
76) Chrysene-d12	21.521	240	713198	20.000	ng		0.00
86) Perylene-d12	23.944	264	821004	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1870318	103.320	ng		0.01
7) Phenol-d6	7.122	99	2325543	98.905	ng		0.00
23) Nitrobenzene-d5	9.122	82	1660143	78.375	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	775452	126.314	ng		0.00
45) 2-Fluorobiphenyl	13.221	172	3357624	82.366	ng		0.00
79) Terphenyl-d14	19.956	244	3838678	98.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	187999	23.344	ng	#	53
3) Pyridine	3.793	79	470523	21.067	ng		99
4) n-Nitrosodimethylamine	3.693	42	250281	27.538	ng		95
6) Aniline	7.275	93	698925	22.639	ng		99
8) 2-Chlorophenol	7.516	128	625474	32.455	ng		97
9) Benzaldehyde	7.087	77	294168	26.291	ng		99
10) Phenol	7.145	94	718564	28.778	ng		98
11) bis(2-Chloroethyl)ether	7.375	93	668847	32.947	ng		97
12) 1,3-Dichlorobenzene	7.839	146	669116	32.670	ng		98
13) 1,4-Dichlorobenzene	7.986	146	680148	32.653	ng		100
14) 1,2-Dichlorobenzene	8.304	146	659046	32.847	ng		99
15) Benzyl Alcohol	8.198	79	600026m	35.603	ng		
16) 2,2'-oxybis(1-Chloropr...	8.486	45	836784	32.638	ng		99
17) 2-Methylphenol	8.398	107	549470	32.034	ng		99
18) Hexachloroethane	9.033	117	252784	32.892	ng		97
19) n-Nitroso-di-n-propyla...	8.763	70	516010	34.842	ng		99
20) 3+4-Methylphenols	8.728	107	715059	31.222	ng		97
22) Acetophenone	8.781	105	1020644	34.963	ng	#	98
24) Nitrobenzene	9.163	77	738225	33.158	ng		98
25) Isophorone	9.692	82	1411528	36.212	ng		100
26) 2-Nitrophenol	9.875	139	303141	31.906	ng		96
27) 2,4-Dimethylphenol	9.939	122	619469	36.473	ng		99
28) bis(2-Chloroethoxy)met...	10.175	93	875687	34.964	ng		99
29) 2,4-Dichlorophenol	10.410	162	567040	35.215	ng		99
30) 1,2,4-Trichlorobenzene	10.627	180	600771	34.142	ng		98
31) Naphthalene	10.816	128	2107264	35.518	ng		100
32) Benzoic acid	10.057	122	267341	24.624	ng		97
33) 4-Chloroaniline	10.927	127	386898	15.302	ng		99
34) Hexachlorobutadiene	11.098	225	342271	33.919	ng		99
35) Caprolactam	11.722	113	157264	32.089	ng		98
36) 4-Chloro-3-methylphenol	12.051	107	598197	34.887	ng		99
37) 2-Methylnaphthalene	12.421	142	1341902	33.745	ng		99
38) 1-Methylnaphthalene	12.639	142	1251421	33.581	ng		100
40) 1,2,4,5-Tetrachloroben...	12.786	216	657159	38.092	ng		99
41) Hexachlorocyclopentadiene	12.768	237	590870	62.395	ng		100
43) 2,4,6-Trichlorophenol	13.027	196	434598	38.902	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	445497	34.069	ng	97
46) 1,1'-Biphenyl	13.427	154	1734533	38.582	ng	99
47) 2-Chloronaphthalene	13.474	162	1296373	38.240	ng	98
48) 2-Nitroaniline	13.680	65	403335	37.660	ng	91
49) Acenaphthylene	14.315	152	2025196	37.504	ng	100
50) Dimethylphthalate	14.051	163	1551094	37.984	ng	99
51) 2,6-Dinitrotoluene	14.174	165	333396	37.262	ng	97
52) Acenaphthene	14.657	154	1222179	36.828	ng	99
53) 3-Nitroaniline	14.504	138	268697	26.198	ng	94
54) 2,4-Dinitrophenol	14.710	184	268768	53.610	ng	90
55) Dibenzofuran	14.992	168	1906474	36.711	ng	99
56) 4-Nitrophenol	14.810	139	410325	50.595	ng	97
57) 2,4-Dinitrotoluene	14.957	165	409415	35.033	ng	99
58) Fluorene	15.639	166	1507827	37.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	371395	36.827	ng	97
60) Diethylphthalate	15.415	149	1494398	37.611	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	735374	36.797	ng	100
62) 4-Nitroaniline	15.662	138	347588	32.917	ng	99
63) Azobenzene	15.927	77	1551110	36.895	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	194463	33.017	ng	92
66) n-Nitrosodiphenylamine	15.851	169	1267964	39.708	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	424448	41.487	ng	99
68) Hexachlorobenzene	16.645	284	479772	41.949	ng	98
69) Atrazine	16.804	200	392225	44.969	ng	98
70) Pentachlorophenol	16.986	266	571119	67.893	ng	99
71) Phenanthrene	17.380	178	2170054	39.035	ng	99
72) Anthracene	17.474	178	2147525	38.736	ng	100
73) Carbazole	17.745	167	1992797	39.385	ng	100
74) Di-n-butylphthalate	18.303	149	2361789	38.635	ng	99
75) Fluoranthene	19.392	202	2190463	37.318	ng	99
77) Benzidine	19.580	184	1145023	68.154	ng	98
78) Pyrene	19.756	202	2255521	42.107	ng	100
80) Butylbenzylphthalate	20.650	149	951525	42.206	ng	100
81) Benzo(a)anthracene	21.503	228	2029939	39.523	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	634289	40.183	ng	99
83) Chrysene	21.556	228	1929822	38.633	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1365258	41.795	ng	100
85) Di-n-octyl phthalate	22.362	149	2336875	43.174	ng	98
87) Indeno(1,2,3-cd)pyrene	26.473	276	2847896	45.586	ng	100
88) Benzo(b)fluoranthene	23.203	252	2056928	39.216	ng	100
89) Benzo(k)fluoranthene	23.256	252	2069730	37.917	ng	100
90) Benzo(a)pyrene	23.838	252	1873787	37.119	ng	99
91) Dibenzo(a,h)anthracene	26.491	278	2370509	44.806	ng	98
92) Benzo(g,h,i)perylene	27.250	276	2403147	46.427	ng	100

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

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