Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039125.D
Acq On : 23 Mar 2023 20:42
Operator : CG/JU
Sample : 02016-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 24 04:33:20 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

Instrument :
BNA_M
ClientSampleId :
032023-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	227999	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	872041	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	461164	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	863088	20.000	ng	0.00
76) Chrysene-d12	21.527	240	830351	20.000	ng	0.00
86) Perylene-d12	23.956	264	1028542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1691505	112.715	ng	0.00
7) Phenol-d6	7.128	99	2112316	108.365	ng	0.00
23) Nitrobenzene-d5	9.128	82	1266048	71.315	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	615489	115.370	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2436934	68.791	ng	0.00
79) Terphenyl-d14	19.962	244	2788784	61.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	284072	42.550	ng	99
3) Pyridine	3.793	79	718193	38.788	ng	98
4) n-Nitrosodimethylamine	3.699	42	315627	41.890	ng	92
6) Aniline	7.281	93	652597	25.498	ng	100
8) 2-Chlorophenol	7.522	128	776704	48.615	ng	97
9) Benzaldehyde	7.092	77	549328	59.222	ng	97
10) Phenol	7.151	94	973336	47.021	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	771293	45.829	ng	98
12) 1,3-Dichlorobenzene	7.845	146	850583	50.097	ng	99
13) 1,4-Dichlorobenzene	7.992	146	865436	50.118	ng	100
14) 1,2-Dichlorobenzene	8.316	146	826335	49.679	ng	98
15) Benzyl Alcohol	8.204	79	642545m	45.990	ng	
16) 2,2'-oxybis(1-Chloropr...	8.492	45	978984	46.059	ng	98
17) 2-Methylphenol	8.410	107	626077	44.029	ng	98
18) Hexachloroethane	9.045	117	331617	52.050	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	562501	45.815	ng	98
20) 3+4-Methylphenols	8.739	107	836298	44.047	ng	100
22) Acetophenone	8.786	105	1148420	46.939	ng	98
24) Nitrobenzene	9.169	77	837952	44.908	ng	98
25) Isophorone	9.698	82	1522805	46.613	ng	100
26) 2-Nitrophenol	9.886	139	409977	49.650	ng	94
27) 2,4-Dimethylphenol	9.945	122	688345	48.357	ng	99
28) bis(2-Chloroethoxy)met...	10.180	93	964630	45.955	ng	99
29) 2,4-Dichlorophenol	10.422	162	660101	48.912	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	719832	48.810	ng	99
31) Naphthalene	10.822	128	2260954	45.469	ng	99
32) Benzoic acid	10.075	122	435023	42.411	ng	97
33) 4-Chloroaniline	10.933	127	202098	9.537	ng	99
34) Hexachlorobutadiene	11.104	225	418242	49.454	ng	97
35) Caprolactam	11.727	113	180582	43.964	ng	96
36) 4-Chloro-3-methylphenol	12.063	107	677033	47.112	ng	99
37) 2-Methylnaphthalene	12.427	142	1484973	44.556	ng	98
38) 1-Methylnaphthalene	12.651	142	1378434	44.134	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	745556	49.730	ng	100
41) Hexachlorocyclopentadiene	12.774	237	846690	102.887	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	490503	50.524	ng	99

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44) 2,4,5-Trichlorophenol	13.110	196	520917	45.841	ng	97
46) 1,1'-Biphenyl	13.439	154	1881955	48.170	ng	99
47) 2-Chloronaphthalene	13.480	162	1417825	48.126	ng	99
48) 2-Nitroaniline	13.686	65	423332	45.025	ng	93
49) Acenaphthylene	14.321	152	2182650	46.512	ng	99
50) Dimethylphthalate	14.063	163	1643563	46.316	ng	99
51) 2,6-Dinitrotoluene	14.180	165	357056	45.568	ng	96
52) Acenaphthene	14.668	154	1292528	44.818	ng	99
53) 3-Nitroaniline	14.510	138	240215	26.906	ng	97
54) 2,4-Dinitrophenol	14.715	184	311795	69.828	ng	91
55) Dibenzofuran	14.998	168	2025529	44.883	ng	99
56) 4-Nitrophenol	14.821	139	681211	96.657	ng	95
57) 2,4-Dinitrotoluene	14.963	165	479749	46.518	ng	100
58) Fluorene	15.645	166	1580406	44.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	423729	48.350	ng	97
60) Diethylphthalate	15.421	149	1633013	47.295	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	782419	45.052	ng	99
62) 4-Nitroaniline	15.668	138	375593	40.505	ng	96
63) Azobenzene	15.933	77	1683124	46.069	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	228861	41.160	ng	91
66) n-Nitrosodiphenylamine	15.857	169	1350363	46.410	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	455530	48.864	ng	98
68) Hexachlorobenzene	16.651	284	511274	49.060	ng	99
69) Atrazine	16.809	200	437444	55.041	ng	99
70) Pentachlorophenol	16.998	266	674003	87.933	ng	99
71) Phenanthrene	17.392	178	2344342	46.280	ng	99
72) Anthracene	17.480	178	2372340	46.962	ng	99
73) Carbazole	17.751	167	2178812	47.259	ng	100
74) Di-n-butylphthalate	18.309	149	2755485	48.964	ng	99
75) Fluoranthene	19.403	202	2579590	48.231	ng	99
77) Benzidine	19.592	184	1358235	69.347	ng	98
78) Pyrene	19.762	202	2728547	43.750	ng	100
80) Butylbenzylphthalate	20.656	149	1210223	45.800	ng	99
81) Benzo(a)anthracene	21.509	228	2851597	47.687	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	833104	45.332	ng	99
83) Chrysene	21.562	228	2655584	45.661	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1886382	49.137	ng	100
85) Di-n-octyl phthalate	22.368	149	3356361	52.374	ng	98
87) Indeno(1,2,3-cd)pyrene	26.497	276	3874879	49.510	ng	100
88) Benzo(b)fluoranthene	23.215	252	3151022	47.953	ng	99
89) Benzo(k)fluoranthene	23.268	252	3117871	45.593	ng	100
90) Benzo(a)pyrene	23.850	252	2858208	45.196	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	3193301	48.179	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3181052	49.055	ng	99

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

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