Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041174.D
Acq On : 28 Jul 2023 20:22
Operator : MA/JU
Sample : 03645-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 29 01:18:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	183644	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	715690	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	398072	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	828030	20.000	ng		0.00
76) Chrysene-d12	21.427	240	795964	20.000	ng		0.00
86) Perylene-d12	23.797	264	909051	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1215767	98.945	ng		0.00
7) Phenol-d6	6.987	99	1614607	101.374	ng		0.00
23) Nitrobenzene-d5	8.981	82	986226	64.084	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	587357	104.317	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2008303	63.732	ng		0.00
79) Terphenyl-d14	19.862	244	3097262	70.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	194403	36.984	ng		98
3) Pyridine	3.675	79	475310m	34.391	ng		
4) n-Nitrosodimethylamine	3.587	42	276666	43.283	ng		97
6) Aniline	7.139	93	755093	40.510	ng		98
8) 2-Chlorophenol	7.369	128	565308	47.127	ng		100
9) Benzaldehyde	6.951	77	386141m	45.946	ng		
10) Phenol	7.010	94	742285	48.253	ng		99
11) bis(2-Chloroethyl)ether	7.239	93	569325	45.721	ng		100
12) 1,3-Dichlorobenzene	7.692	146	608495	46.602	ng		99
13) 1,4-Dichlorobenzene	7.839	146	615311	46.884	ng		99
14) 1,2-Dichlorobenzene	8.157	146	591318	46.991	ng		99
15) Benzyl Alcohol	8.063	79	508989	50.604	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	757269	45.643	ng		99
17) 2-Methylphenol	8.263	107	473547	45.058	ng		99
18) Hexachloroethane	8.875	117	230620	47.200	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	450132	46.529	ng		100
20) 3+4-Methylphenols	8.592	107	647067	46.048	ng		98
22) Acetophenone	8.645	105	835065	44.056	ng	#	100
24) Nitrobenzene	9.022	77	662703	42.581	ng		98
25) Isophorone	9.551	82	1170089	44.789	ng		99
26) 2-Nitrophenol	9.733	139	282734	46.472	ng		99
27) 2,4-Dimethylphenol	9.798	122	486798	45.470	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	727043	44.429	ng		99
29) 2,4-Dichlorophenol	10.269	162	506036	46.871	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	533981	44.766	ng		99
31) Naphthalene	10.663	128	1676343	43.163	ng		99
32) Benzoic acid	9.957	122	363937	45.670	ng		98
33) 4-Chloroaniline	10.792	127	590935	38.074	ng		99
34) Hexachlorobutadiene	10.933	225	313357	43.679	ng		98
35) Caprolactam	11.604	113	153455m	49.134	ng		
36) 4-Chloro-3-methylphenol	11.922	107	536644	47.226	ng		100
37) 2-Methylnaphthalene	12.280	142	1132072	43.236	ng		99
38) 1-Methylnaphthalene	12.504	142	1056646	43.118	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	569598	44.067	ng		99
41) Hexachlorocyclopentadiene	12.616	237	640660	93.686	ng		98
43) 2,4,6-Trichlorophenol	12.898	196	389735	47.043	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	424941	44.316	ng	98
46) 1,1'-Biphenyl	13.298	154	1424448	44.140	ng	99
47) 2-Chloronaphthalene	13.345	162	1093568	45.384	ng	99
48) 2-Nitroaniline	13.563	65	366853	47.696	ng	98
49) Acenaphthylene	14.192	152	1737954	44.686	ng	100
50) Dimethylphthalate	13.939	163	1448831	48.385	ng	100
51) 2,6-Dinitrotoluene	14.063	165	285094	45.951	ng	96
52) Acenaphthene	14.533	154	1048736	44.760	ng	98
53) 3-Nitroaniline	14.398	138	294021	41.331	ng	98
54) 2,4-Dinitrophenol	14.610	184	349907	83.258	ng	96
55) Dibenzofuran	14.874	168	1678610	43.911	ng	99
56) 4-Nitrophenol	14.715	139	577725	111.728	ng	97
57) 2,4-Dinitrotoluene	14.857	165	388877	44.119	ng	98
58) Fluorene	15.521	166	1370718	45.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	366669	47.222	ng	99
60) Diethylphthalate	15.304	149	1318439	45.531	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	676999	44.799	ng	98
62) 4-Nitroaniline	15.568	138	275767	42.220	ng	98
63) Azobenzene	15.815	77	1458339	45.977	ng	98
65) 4,6-Dinitro-2-methylph...	15.621	198	210656	41.995	ng	99
66) n-Nitrosodiphenylamine	15.739	169	1136297	44.124	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	405642	44.681	ng	98
68) Hexachlorobenzene	16.527	284	476517	47.203	ng	99
69) Atrazine	16.704	200	394558	58.341	ng	100
70) Pentachlorophenol	16.880	266	625435	89.470	ng	99
71) Phenanthrene	17.274	178	2197642	47.769	ng	100
72) Anthracene	17.362	178	2084323	45.809	ng	100
73) Carbazole	17.645	167	1944685	47.221	ng	99
74) Di-n-butylphthalate	18.203	149	2353018	50.563	ng	100
75) Fluoranthene	19.292	202	2656018	51.387	ng	99
77) Benzidine	19.492	184	795803	73.353	ng	99
78) Pyrene	19.656	202	2723302	48.925	ng	99
80) Butylbenzylphthalate	20.562	149	1068997	52.590	ng	99
81) Benzo(a)anthracene	21.415	228	2604693	48.271	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	932481	52.959	ng	100
83) Chrysene	21.468	228	2382954	45.657	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1598976	49.452	ng	97
85) Di-n-octyl phthalate	22.256	149	2704637	52.647	ng	99
87) Indeno(1,2,3-cd)pyrene	26.250	276	3188493	47.707	ng	99
88) Benzo(b)fluoranthene	23.080	252	2771128	51.314	ng	99
89) Benzo(k)fluoranthene	23.127	252	2545370	46.078	ng	99
90) Benzo(a)pyrene	23.697	252	2340823	45.112	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	2575983	46.209	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2555436	46.849	ng	100

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

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