Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041257.D
Acq On : 03 Aug 2023 11:40
Operator : MA/JU
Sample : 03810-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 01:16:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-P3BMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	119284	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	557794	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	385865	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	920751	20.000	ng		0.00
76) Chrysene-d12	21.433	240	752439	20.000	ng		0.00
86) Perylene-d12	23.803	264	754190	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	694314	86.995	ng		0.00
7) Phenol-d6	6.981	99	1002405	96.894	ng		0.00
23) Nitrobenzene-d5	8.969	82	618898	51.599	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	566303	103.759	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1515202	49.605	ng		0.00
79) Terphenyl-d14	19.862	244	2978207	71.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	102579	30.045	ng		98
3) Pyridine	3.657	79	317672	35.387	ng		98
4) n-Nitrosodimethylamine	3.575	42	164001	39.500	ng		93
6) Aniline	7.128	93	517815	42.769	ng		99
8) 2-Chlorophenol	7.357	128	458388	58.832	ng		99
9) Benzaldehyde	6.940	77	246573	45.169	ng		99
10) Phenol	7.004	94	599551	60.004	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	419177	51.826	ng		97
12) 1,3-Dichlorobenzene	7.675	146	447900	52.811	ng		98
13) 1,4-Dichlorobenzene	7.828	146	461843	54.178	ng		98
14) 1,2-Dichlorobenzene	8.145	146	454455	55.600	ng		99
15) Benzyl Alcohol	8.051	79	436886	66.871	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	524361	48.658	ng		96
17) 2-Methylphenol	8.257	107	404468	59.250	ng		100
18) Hexachloroethane	8.863	117	149134	46.991	ng		89
19) n-Nitroso-di-n-propyla...	8.610	70	365130	58.107	ng		98
20) 3+4-Methylphenols	8.587	107	561065	61.471	ng		99
22) Acetophenone	8.634	105	704965	47.720	ng	#	98
24) Nitrobenzene	9.016	77	555522	45.799	ng		98
25) Isophorone	9.539	82	1037097	50.936	ng		99
26) 2-Nitrophenol	9.722	139	225393	47.534	ng		95
27) 2,4-Dimethylphenol	9.786	122	412982	49.495	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	602666	47.253	ng		99
29) 2,4-Dichlorophenol	10.257	162	497112	59.078	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	487900	52.481	ng		99
31) Naphthalene	10.651	128	1461859	48.295	ng		100
32) Benzoic acid	9.975	122	399054	61.341	ng		97
33) 4-Chloroaniline	10.781	127	335016	27.695	ng		99
34) Hexachlorobutadiene	10.922	225	285910	51.135	ng		99
35) Caprolactam	11.610	113	173847m	71.420	ng		
36) 4-Chloro-3-methylphenol	11.922	107	550152	62.119	ng		97
37) 2-Methylnaphthalene	12.269	142	1059316	51.910	ng		100
38) 1-Methylnaphthalene	12.492	142	1020767	53.444	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	595260	47.509	ng		99
41) Hexachlorocyclopentadiene	12.604	237	235981	35.600	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	442739	55.131	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	491185	52.845	ng	97
46) 1,1'-Biphenyl	13.292	154	1448551	46.307	ng	99
47) 2-Chloronaphthalene	13.333	162	1155712	49.480	ng	98
48) 2-Nitroaniline	13.557	65	411715	55.222	ng	95
49) Acenaphthylene	14.186	152	1922633	50.998	ng	99
50) Dimethylphthalate	13.933	163	1443508	49.733	ng	100
51) 2,6-Dinitrotoluene	14.063	165	313610	52.146	ng	93
52) Acenaphthene	14.527	154	1105285	48.666	ng	100
53) 3-Nitroaniline	14.398	138	358434	51.316	ng	92
54) 2,4-Dinitrophenol	14.610	184	145536	39.056	ng	89
55) Dibenzofuran	14.863	168	1874169	50.578	ng	99
56) 4-Nitrophenol	14.721	139	598646	119.436	ng	95
57) 2,4-Dinitrotoluene	14.857	165	448392	51.974	ng	94
58) Fluorene	15.515	166	1531383	52.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	446205	59.283	ng	96
60) Diethylphthalate	15.298	149	1485293	52.916	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	784818	53.576	ng	97
62) 4-Nitroaniline	15.568	138	378039	57.991	ng	98
63) Azobenzene	15.810	77	1558591	50.692	ng	96
65) 4,6-Dinitro-2-methylph...	15.621	198	107387	19.252	ng	91
66) n-Nitrosodiphenylamine	15.733	169	1313530	45.870	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	496044	49.136	ng	99
68) Hexachlorobenzene	16.521	284	604343	53.836	ng	97
69) Atrazine	16.698	200	462781	61.538	ng	100
70) Pentachlorophenol	16.874	266	686051	88.258	ng	99
71) Phenanthrene	17.268	178	2526172	49.380	ng	100
72) Anthracene	17.357	178	2555216	50.503	ng	100
73) Carbazole	17.639	167	2355562	51.438	ng	100
74) Di-n-butylphthalate	18.198	149	2906226	56.161	ng	99
75) Fluoranthene	19.292	202	3023424	52.605	ng	99
77) Benzidine	19.492	184	1248042	121.693	ng	99
78) Pyrene	19.656	202	3054804	58.055	ng	100
80) Butylbenzylphthalate	20.562	149	1346280	70.062	ng	94
81) Benzo(a)anthracene	21.415	228	2751757	53.946	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	903741	54.295	ng	99
83) Chrysene	21.468	228	2478088	50.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1960238	63.379	ng	97
85) Di-n-octyl phthalate	22.250	149	3164439	65.160	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2693368	48.574	ng	96
88) Benzo(b)fluoranthene	23.086	252	2524313	56.342	ng	98
89) Benzo(k)fluoranthene	23.133	252	2322935	50.686	ng	99
90) Benzo(a)pyrene	23.703	252	2118436	49.209	ng	98
91) Dibenzo(a,h)anthracene	26.274	278	2272208	49.130	ng	98
92) Benzo(g,h,i)perylene	27.015	276	2105876	46.534	ng	97

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

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