Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
Data File : BM041389.D
Acq On : 11 Aug 2023 16:15
Operator : MA/JU
Sample : 03954-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 11 18:16:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
WC-16MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	145895	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	638990	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	426516	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	989366	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1076004	20.000	ng	0.00
86) Perylene-d12	23.774	264	1246687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	921663	94.418	ng	0.00
7) Phenol-d6	6.963	99	1257601	99.389	ng	0.00
23) Nitrobenzene-d5	8.951	82	781769	56.896	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	622997	103.268	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1678117	49.702	ng	0.00
79) Terphenyl-d14	19.845	244	3096229	52.027	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	133470	31.962	ng	99
3) Pyridine	3.652	79	338169	30.799	ng	96
4) n-Nitrosodimethylamine	3.569	42	195079	38.415	ng	96
6) Aniline	7.116	93	465343	31.425	ng	100
8) 2-Chlorophenol	7.340	128	484880	50.881	ng	99
9) Benzaldehyde	6.928	77	231062m	34.607	ng	
10) Phenol	6.987	94	625832	51.209	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	452008	45.692	ng	97
12) 1,3-Dichlorobenzene	7.657	146	477824	46.063	ng	99
13) 1,4-Dichlorobenzene	7.810	146	491714	47.161	ng	99
14) 1,2-Dichlorobenzene	8.122	146	474829	47.497	ng	100
15) Benzyl Alcohol	8.034	79	457101m	57.204	ng	
16) 2,2'-oxybis(1-Chloropr...	8.316	45	564017	42.791	ng	95
17) 2-Methylphenol	8.239	107	423014	50.664	ng	98
18) Hexachloroethane	8.839	117	187912	48.410	ng	94
19) n-Nitroso-di-n-propyla...	8.598	70	400338	52.090	ng	97
20) 3+4-Methylphenols	8.569	107	576550	51.646	ng	98
22) Acetophenone	8.616	105	738692	43.650	ng	99
24) Nitrobenzene	8.998	77	580983	41.811	ng	99
25) Isophorone	9.522	82	1094518	46.926	ng	99
26) 2-Nitrophenol	9.704	139	269028	49.527	ng	97
27) 2,4-Dimethylphenol	9.769	122	433062	45.306	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	645233	44.162	ng	99
29) 2,4-Dichlorophenol	10.239	162	501241	52.000	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	494498	46.432	ng	99
31) Naphthalene	10.633	128	1455345	41.971	ng	99
32) Benzoic acid	9.963	122	363413	50.231	ng	96
33) 4-Chloroaniline	10.769	127	242911	17.529	ng	99
34) Hexachlorobutadiene	10.898	225	311049	48.562	ng	98
35) Caprolactam	11.592	113	162301	58.204	ng	89
36) 4-Chloro-3-methylphenol	11.904	107	533559	52.590	ng	98
37) 2-Methylnaphthalene	12.251	142	1034696	44.261	ng	98
38) 1-Methylnaphthalene	12.475	142	996458	45.542	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	582627	42.069	ng	98
41) Hexachlorocyclopentadiene	12.586	237	595292	81.246	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	422097	47.551	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	459547	44.729	ng		98
46) 1,1'-Biphenyl	13.274	154	1427657	41.289	ng		98
47) 2-Chloronaphthalene	13.316	162	1109014	42.955	ng		99
48) 2-Nitroaniline	13.545	65	373793	45.358	ng		99
49) Acenaphthylene	14.169	152	1853089	44.469	ng		100
50) Dimethylphthalate	13.916	163	1484583	46.273	ng		100
51) 2,6-Dinitrotoluene	14.045	165	327090	49.204	ng		98
52) Acenaphthene	14.510	154	1063711	42.372	ng		99
53) 3-Nitroaniline	14.380	138	274943	36.400	ng		99
54) 2,4-Dinitrophenol	14.598	184	435376	95.745	ng		93
55) Dibenzofuran	14.845	168	1788357	43.662	ng		98
56) 4-Nitrophenol	14.704	139	522024	94.223	ng		94
57) 2,4-Dinitrotoluene	14.845	165	462899	48.718	ng		95
58) Fluorene	15.498	166	1434323	44.390	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	439226	52.794	ng		96
60) Diethylphthalate	15.280	149	1484319	47.841	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	759765	46.923	ng		97
62) 4-Nitroaniline	15.557	138	293636	41.984	ng		93
63) Azobenzene	15.786	77	1484560	43.682	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	278111	46.402	ng		88
66) n-Nitrosodiphenylamine	15.715	169	1246962	40.525	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	477562	44.025	ng		99
68) Hexachlorobenzene	16.504	284	566978	47.005	ng		95
69) Atrazine	16.680	200	489342	60.557	ng		98
70) Pentachlorophenol	16.857	266	687067	82.259	ng		99
71) Phenanthrene	17.251	178	2331007	42.405	ng		100
72) Anthracene	17.339	178	2363654	43.477	ng		100
73) Carbazole	17.621	167	2176766	44.237	ng		100
74) Di-n-butylphthalate	18.180	149	2772770	49.866	ng		100
75) Fluoranthene	19.274	202	2923331	47.336	ng		99
77) Benzidine	19.480	184	1251418	85.329	ng		99
78) Pyrene	19.639	202	3093440	41.111	ng		99
80) Butylbenzylphthalate	20.545	149	1357171	49.390	ng		98
81) Benzo(a)anthracene	21.397	228	3265807	44.771	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1046384	43.961	ng		99
83) Chrysene	21.450	228	2991634	42.402	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2056964	47.183	ng	#	97
85) Di-n-octyl phthalate	22.233	149	3695932	53.219	ng		96
87) Indeno(1,2,3-cd)pyrene	26.227	276	3706368	40.437	ng		96
88) Benzo(b)fluoranthene	23.062	252	3444825	46.513	ng	#	98
89) Benzo(k)fluoranthene	23.109	252	3266632	43.120	ng		98
90) Benzo(a)pyrene	23.674	252	3006473	42.248	ng	#	98
91) Dibenzo(a,h)anthracene	26.238	278	3143617	41.120	ng		97
92) Benzo(g,h,i)perylene	26.985	276	2834518	37.892	ng		96

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

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