Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036415.D
Acq On : 25 Aug 2022 20:30
Operator : CG/JU
Sample : N4270-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 26 03:43:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SASP2-T-4-(25-37)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	283123	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1169154	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	646324	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1159070	20.000	ng		0.00
76) Chrysene-d12	21.351	240	837816	20.000	ng		0.00
86) Perylene-d12	23.674	264	795658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1999995	114.527	ng		0.00
7) Phenol-d6	6.969	99	2494492	112.260	ng		0.00
23) Nitrobenzene-d5	8.957	82	1525476	73.037	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	758244	100.003	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3104545	70.921	ng		0.00
79) Terphenyl-d14	19.798	244	3361650	79.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	299157	42.513	ng		97
3) Pyridine	3.646	79	818206	43.361	ng		92
4) n-Nitrosodimethylamine	3.558	42	430240	55.485	ng	#	78
6) Aniline	7.116	93	1269708	51.600	ng		98
8) 2-Chlorophenol	7.351	128	938716	50.416	ng		97
9) Benzaldehyde	6.928	77	512815	43.593	ng		98
10) Phenol	6.999	94	1169915	52.290	ng		92
11) bis(2-Chloroethyl)ether	7.216	93	905552	49.132	ng		98
12) 1,3-Dichlorobenzene	7.669	146	1007992	48.854	ng		99
13) 1,4-Dichlorobenzene	7.816	146	1035064	49.192	ng		99
14) 1,2-Dichlorobenzene	8.134	146	995259	49.022	ng		98
15) Benzyl Alcohol	8.040	79	757110m	50.774	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1321959	53.940	ng		99
17) 2-Methylphenol	8.240	107	755036	50.980	ng		97
18) Hexachloroethane	8.851	117	391793	51.725	ng		93
19) n-Nitroso-di-n-propyla...	8.604	70	677984	50.232	ng		91
20) 3+4-Methylphenols	8.575	107	1010630	50.225	ng		97
22) Acetophenone	8.616	105	1382809	49.964	ng	#	96
24) Nitrobenzene	8.998	77	1022255	52.063	ng		99
25) Isophorone	9.528	82	1819023	53.536	ng		98
26) 2-Nitrophenol	9.704	139	476688	51.472	ng		96
27) 2,4-Dimethylphenol	9.769	122	818087	57.024	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1162856	48.037	ng		99
29) 2,4-Dichlorophenol	10.240	162	806139	49.967	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	837409	45.803	ng		99
31) Naphthalene	10.634	128	2840314	48.864	ng		100
32) Benzoic acid	9.945	122	490597	43.140	ng		95
33) 4-Chloroaniline	10.757	127	862728	36.828	ng		97
34) Hexachlorobutadiene	10.904	225	499479	46.492	ng		98
35) Caprolactam	11.575	113	224414	45.159	ng		94
36) 4-Chloro-3-methylphenol	11.892	107	825015	48.651	ng		99
37) 2-Methylnaphthalene	12.245	142	1896912	49.040	ng		99
38) 1-Methylnaphthalene	12.469	142	1793644	47.351	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	874053	49.882	ng		98
41) Hexachlorocyclopentadiene	12.586	237	1131647	121.939	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	586419	49.182	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	619969	49.257	ng		98
46) 1,1'-Biphenyl	13.263	154	2402754	51.011	ng		98
47) 2-Chloronaphthalene	13.304	162	1792612	49.726	ng		98
48) 2-Nitroaniline	13.522	65	534948	54.451	ng		99
49) Acenaphthylene	14.151	152	2835043	50.875	ng		99
50) Dimethylphthalate	13.898	163	2073571	47.177	ng		99
51) 2,6-Dinitrotoluene	14.022	165	446225	50.600	ng		97
52) Acenaphthene	14.492	154	1954786m	53.625	ng		
53) 3-Nitroaniline	14.351	138	377453	36.686	ng		99
54) 2,4-Dinitrophenol	14.563	184	418795	89.742	ng		96
55) Dibenzofuran	14.827	168	2597162	47.577	ng		99
56) 4-Nitrophenol	14.675	139	767859	93.259	ng		92
57) 2,4-Dinitrotoluene	14.810	165	593970	51.387	ng		91
58) Fluorene	15.474	166	2111858	49.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	488997	45.864	ng		97
60) Diethylphthalate	15.257	149	2101621	46.529	ng		99
61) 4-Chlorophenyl-phenyle...	15.474	204	1007158	46.906	ng		98
62) 4-Nitroaniline	15.516	138	470459m	44.447	ng		
63) Azobenzene	15.763	77	2144750	49.949	ng		94
65) 4,6-Dinitro-2-methylph...	15.569	198	265713	44.835	ng		91
66) n-Nitrosodiphenylamine	15.692	169	1703978	52.077	ng		99
67) 4-Bromophenyl-phenylether	16.363	248	576776	49.749	ng		98
68) Hexachlorobenzene	16.469	284	655101	49.246	ng		98
69) Atrazine	16.651	200	550919	60.173	ng		99
70) Pentachlorophenol	16.821	266	759083	97.433	ng		98
71) Phenanthrene	17.216	178	2942357	49.828	ng		99
72) Anthracene	17.304	178	2973956	52.020	ng		99
73) Carbazole	17.580	167	2644677	45.657	ng		99
74) Di-n-butylphthalate	18.145	149	3412414	49.350	ng		100
75) Fluoranthene	19.227	202	2992965	45.279	ng		97
77) Benzidine	19.427	184	1641175	130.617	ng		99
78) Pyrene	19.592	202	3019858	58.127	ng		99
80) Butylbenzylphthalate	20.498	149	1282687	57.204	ng		98
81) Benzo(a)anthracene	21.339	228	2508463	48.609	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	859662	68.606	ng		99
83) Chrysene	21.392	228	2359626	48.102	ng		100
84) Bis(2-ethylhexyl)phtha...	21.268	149	1890918	55.897	ng		100
85) Di-n-octyl phthalate	22.168	149	2783072	50.410	ng		97
87) Indeno(1,2,3-cd)pyrene	26.080	276	3019556	54.003	ng		97
88) Benzo(b)fluoranthene	22.968	252	2357614	50.574	ng	#	98
89) Benzo(k)fluoranthene	23.015	252	2297693	48.800	ng	#	98
90) Benzo(a)pyrene	23.568	252	2083775	53.276	ng		98
91) Dibenzo(a,h)anthracene	26.091	278	2645358	56.520	ng		98
92) Benzo(g,h,i)perylene	26.821	276	2701891	59.631	ng		98

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

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