Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036412.D
Acq On : 25 Aug 2022 18:41
Operator : CG/JU
Sample : N4260-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 26 03:41:03 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-(16-22)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	283219	20.000	ng		0.00
21) Naphthalene-d8	10.580	136	1144654	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	612040	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1086032	20.000	ng		0.00
76) Chrysene-d12	21.356	240	794501	20.000	ng		0.00
86) Perylene-d12	23.674	264	802311	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1816739	103.998	ng		0.00
7) Phenol-d6	6.969	99	2257457	101.559	ng		0.00
23) Nitrobenzene-d5	8.957	82	1366567	66.829	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	642437	89.475	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2770707	66.840	ng		0.00
79) Terphenyl-d14	19.797	244	2884645	71.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	291715	41.441	ng		97
3) Pyridine	3.646	79	766623	40.613	ng		92
4) n-Nitrosodimethylamine	3.557	42	402109	51.839	ng	#	78
6) Aniline	7.116	93	814025	33.070	ng		97
8) 2-Chlorophenol	7.351	128	871052	46.766	ng		97
9) Benzaldehyde	6.928	77	449026	38.157	ng		97
10) Phenol	6.992	94	1071736	47.885	ng		94
11) bis(2-Chloroethyl)ether	7.216	93	846738	45.926	ng		98
12) 1,3-Dichlorobenzene	7.669	146	945005	45.786	ng		98
13) 1,4-Dichlorobenzene	7.822	146	957289	45.480	ng		99
14) 1,2-Dichlorobenzene	8.134	146	927753	45.681	ng		98
15) Benzyl Alcohol	8.039	79	699470m	46.893	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1230568	50.194	ng		99
17) 2-Methylphenol	8.245	107	695788	46.963	ng		96
18) Hexachloroethane	8.857	117	369111	48.714	ng		94
19) n-Nitroso-di-n-propyla...	8.604	70	627233	46.456	ng		92
20) 3+4-Methylphenols	8.575	107	920296	45.721	ng		98
22) Acetophenone	8.622	105	1265938	46.720	ng	#	93
24) Nitrobenzene	8.998	77	940709	48.935	ng		99
25) Isophorone	9.528	82	1675221	50.359	ng		98
26) 2-Nitrophenol	9.704	139	434433	47.913	ng		98
27) 2,4-Dimethylphenol	9.775	122	752961	53.608	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	1063543	44.875	ng		99
29) 2,4-Dichlorophenol	10.239	162	738798	46.773	ng		98
30) 1,2,4-Trichlorobenzene	10.445	180	770744	43.059	ng		98
31) Naphthalene	10.633	128	2603617	45.750	ng		99
32) Benzoic acid	9.939	122	476235	42.773	ng		98
33) 4-Chloroaniline	10.763	127	230806	10.063	ng		96
34) Hexachlorobutadiene	10.910	225	460780	43.808	ng		98
35) Caprolactam	11.569	113	205883	42.317	ng		97
36) 4-Chloro-3-methylphenol	11.892	107	743059	44.756	ng		98
37) 2-Methylnaphthalene	12.251	142	1716411	45.323	ng		98
38) 1-Methylnaphthalene	12.469	142	1630813	43.974	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	789503	47.580	ng		98
41) Hexachlorocyclopentadiene	12.586	237	965466	109.860	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	526537	46.634	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	559908	46.977	ng	98
46) 1,1'-Biphenyl	13.263	154	2174801	48.758	ng	98
47) 2-Chloronaphthalene	13.304	162	1615348	47.318	ng	98
48) 2-Nitroaniline	13.527	65	471215	50.650	ng	94
49) Acenaphthylene	14.151	152	2544130	48.212	ng	100
50) Dimethylphthalate	13.904	163	1854262	44.551	ng	99
51) 2,6-Dinitrotoluene	14.021	165	397851	47.642	ng	97
52) Acenaphthene	14.492	154	1754736m	50.833	ng	
53) 3-Nitroaniline	14.357	138	207589	21.306	ng	99
54) 2,4-Dinitrophenol	14.563	184	376856	85.279	ng	97
55) Dibenzofuran	14.827	168	2324494	44.967	ng	99
56) 4-Nitrophenol	14.674	139	692899	88.869	ng	93
57) 2,4-Dinitrotoluene	14.810	165	523385	47.817	ng	90
58) Fluorene	15.474	166	1879067	46.082	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	434668	43.052	ng	97
60) Diethylphthalate	15.257	149	1866575	43.640	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	889060	43.726	ng	99
62) 4-Nitroaniline	15.515	138	400839m	39.991	ng	
63) Azobenzene	15.768	77	1907991	46.924	ng	95
65) 4,6-Dinitro-2-methylph...	15.568	198	235903	42.482	ng	91
66) n-Nitrosodiphenylamine	15.692	169	1521648	49.632	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	506461	46.622	ng	97
68) Hexachlorobenzene	16.474	284	577590	46.340	ng	94
69) Atrazine	16.651	200	485176	56.556	ng	99
70) Pentachlorophenol	16.827	266	675212	92.497	ng	100
71) Phenanthrene	17.215	178	2606570	47.110	ng	99
72) Anthracene	17.304	178	2645099	49.380	ng	99
73) Carbazole	17.586	167	2365285	43.580	ng	99
74) Di-n-butylphthalate	18.145	149	3040668	46.931	ng	100
75) Fluoranthene	19.233	202	2655161	42.870	ng	99
77) Benzidine	19.427	184	1067071	89.556	ng	99
78) Pyrene	19.592	202	2701038	54.825	ng	99
80) Butylbenzylphthalate	20.497	149	1143979	53.799	ng	98
81) Benzo(a)anthracene	21.339	228	2265340	46.291	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	639756	53.840	ng	99
83) Chrysene	21.391	228	2130993	45.810	ng	100
84) Bis(2-ethylhexyl)phtha...	21.268	149	1673766	52.175	ng	99
85) Di-n-octyl phthalate	22.168	149	2483517	47.436	ng	98
87) Indeno(1,2,3-cd)pyrene	26.085	276	2886013	51.187	ng	96
88) Benzo(b)fluoranthene	22.974	252	2152031	45.781	ng	98
89) Benzo(k)fluoranthene	23.021	252	2197601	46.288	ng	99
90) Benzo(a)pyrene	23.574	252	1981755	50.247	ng	98
91) Dibenzo(a,h)anthracene	26.103	278	2531725	53.644	ng	98
92) Benzo(g,h,i)perylene	26.826	276	2549100	55.792	ng	97

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

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