Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035379.D
Acq On : 03 Jun 2022 01:23
Operator : CG/JU
Sample : N3099-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220429-SPLP-AMENDED-COMPOSITE-IMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 02:19:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	163945	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	621039	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	407137	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	872832	20.000	ng		-0.01
76) Chrysene-d12	21.421	240	965178	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1054429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	619449	79.396	ng		0.00
7) Phenol-d6	7.034	99	489191	45.902	ng		0.00
23) Nitrobenzene-d5	9.010	82	954127	97.552	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	813879	124.591	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2618039	92.357	ng		0.00
79) Terphenyl-d14	19.862	244	4602604	95.004	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	78961	30.169	ng		91
3) Pyridine	3.734	79	183639	25.730	ng		91
4) n-Nitrosodimethylamine	3.646	42	99425	36.919	ng	#	75
6) Aniline	7.175	93	469344	40.290	ng		95
8) 2-Chlorophenol	7.422	128	491333	50.188	ng		90
9) Benzaldehyde	6.992	77	237712	59.434	ng		91
10) Phenol	7.063	94	212918	20.724	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	498396	59.636	ng		93
12) 1,3-Dichlorobenzene	7.739	146	612943m	53.611	ng		
13) 1,4-Dichlorobenzene	7.886	146	623794	53.141	ng		97
14) 1,2-Dichlorobenzene	8.198	146	606760	52.713	ng		96
15) Benzyl Alcohol	8.098	79	311086m	39.947	ng		
16) 2,2'-oxybis(1-Chloropr...	8.386	45	611996	60.062	ng		95
17) 2-Methylphenol	8.310	107	317219	40.842	ng		96
18) Hexachloroethane	8.928	117	206149	53.841	ng	#	83
19) n-Nitroso-di-n-propyla...	8.663	70	371975	55.193	ng		89
20) 3+4-Methylphenols	8.639	107	388888	35.771	ng		97
22) Acetophenone	8.675	105	813124	58.894	ng	#	93
24) Nitrobenzene	9.051	77	556449	62.807	ng		93
25) Isophorone	9.586	82	1043833	61.705	ng		95
26) 2-Nitrophenol	9.763	139	326882	56.384	ng	#	86
27) 2,4-Dimethylphenol	9.839	122	475461	61.845	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	666788	57.036	ng		99
29) 2,4-Dichlorophenol	10.310	162	574405	54.794	ng		96
30) 1,2,4-Trichlorobenzene	10.516	180	643966	53.402	ng		97
31) Naphthalene	10.698	128	1699069	56.464	ng		100
32) Benzoic acid	9.998	122	148315	21.567	ng		92
33) 4-Chloroaniline	10.816	127	509245	40.411	ng		95
34) Hexachlorobutadiene	10.986	225	389677	48.869	ng		99
35) Caprolactam	11.663	113	31956	10.357	ng	#	82
36) 4-Chloro-3-methylphenol	11.951	107	481638	49.837	ng		92
37) 2-Methylnaphthalene	12.310	142	1248596	54.989	ng		96
38) 1-Methylnaphthalene	12.533	142	1211819m	54.460	ng		
40) 1,2,4,5-Tetrachloroben...	12.686	216	761752	57.071	ng	#	96
41) Hexachlorocyclopentadiene	12.663	237	382895	60.122	ng		99
43) 2,4,6-Trichlorophenol	12.927	196	511896	56.820	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	559383	57.834	ng	#	91
46) 1,1'-Biphenyl	13.327	154	1717938	59.194	ng		99
47) 2-Chloronaphthalene	13.368	162	1348256	59.547	ng		96
48) 2-Nitroaniline	13.574	65	339332	67.439	ng		85
49) Acenaphthylene	14.210	152	2154421	62.482	ng		100
50) Dimethylphthalate	13.957	163	1679060	56.100	ng		98
51) 2,6-Dinitrotoluene	14.074	165	388294	60.775	ng	#	75
52) Acenaphthene	14.557	154	1255285	60.122	ng		99
53) 3-Nitroaniline	14.404	138	270923	44.670	ng		88
54) 2,4-Dinitrophenol	14.615	184	460964	100.577	ng	#	76
55) Dibenzofuran	14.892	168	2067132	57.644	ng		92
56) 4-Nitrophenol	14.733	139	243369	53.468	ng	#	79
57) 2,4-Dinitrotoluene	14.862	165	535726	61.256	ng	#	83
58) Fluorene	15.539	166	1651806	58.956	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	481605	54.091	ng	#	84
60) Diethylphthalate	15.315	149	1645705	55.603	ng		97
61) 4-Chlorophenyl-phenyle...	15.533	204	881988	54.885	ng	#	89
62) 4-Nitroaniline	15.568	138	373135	58.966	ng		88
63) Azobenzene	15.827	77	1253498	59.647	ng		89
65) 4,6-Dinitro-2-methylph...	15.633	198	303808	51.813	ng		79
66) n-Nitrosodiphenylamine	15.751	169	1474034	59.845	ng		99
67) 4-Bromophenyl-phenylether	16.427	248	572393	54.101	ng	#	88
68) Hexachlorobenzene	16.551	284	660241	55.790	ng	#	85
69) Atrazine	16.709	200	497987	54.941	ng		97
70) Pentachlorophenol	16.898	266	818624	126.557	ng		99
71) Phenanthrene	17.280	178	2670682	60.451	ng		99
72) Anthracene	17.368	178	2709633	61.563	ng		99
73) Carbazole	17.645	167	2504419	60.421	ng		98
74) Di-n-butylphthalate	18.209	149	2930707	56.938	ng		99
75) Fluoranthene	19.297	202	3261483	61.156	ng		98
77) Benzidine	19.480	184	670507	36.904	ng		100
78) Pyrene	19.656	202	3386134	57.853	ng		99
80) Butylbenzylphthalate	20.556	149	1379518	55.489	ng	#	87
81) Benzo(a)anthracene	21.403	228	3584876	60.496	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1194459	76.650	ng	#	98
83) Chrysene	21.456	228	3315807	58.602	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2036556	54.385	ng	#	96
85) Di-n-octyl phthalate	22.244	149	3650993	55.781	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.232	276	4481326	64.067	ng		95
88) Benzo(b)fluoranthene	23.068	252	3842765	63.274	ng		98
89) Benzo(k)fluoranthene	23.115	252	3796326m	61.085	ng		
90) Benzo(a)pyrene	23.680	252	3731155	72.157	ng	#	97
91) Dibenzo(a,h)anthracene	26.244	278	3948749	67.636	ng	#	96
92) Benzo(g,h,i)perylene	26.979	276	3925748	69.713	ng	#	95

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

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