Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
Data File : BM035431.D
Acq On : 08 Jun 2022 15:55
Operator : CG/JU
Sample : N3189-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220423-SPLP-AMENDED-COMPOSITE-CMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/09/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 00:50:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	203522	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	740714	20.000	ng	#	0.00
39) Acenaphthene-d10	14.480	164	454546	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	901672	20.000	ng		0.00
76) Chrysene-d12	21.415	240	900943	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1083043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	617710	63.777	ng		0.00
7) Phenol-d6	7.028	99	446399	33.741	ng		0.00
23) Nitrobenzene-d5	9.004	82	1003431	86.017	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	868036	119.022	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2856264	90.252	ng		0.00
79) Terphenyl-d14	19.856	244	4203136	92.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	77790	23.942	ng	#	88
3) Pyridine	3.728	79	186160	21.011	ng	#	86
4) n-Nitrosodimethylamine	3.640	42	81561	24.396	ng	#	57
6) Aniline	7.169	93	486511	33.642	ng		93
8) 2-Chlorophenol	7.410	128	466519	38.386	ng		89
9) Benzaldehyde	6.981	77	300482	61.112	ng		86
10) Phenol	7.051	94	171188	13.422	ng		87
11) bis(2-Chloroethyl)ether	7.269	93	483295	46.584	ng		89
12) 1,3-Dichlorobenzene	7.728	146	605967	42.695	ng	#	93
13) 1,4-Dichlorobenzene	7.875	146	615531	42.240	ng		97
14) 1,2-Dichlorobenzene	8.192	146	596724	41.760	ng		96
15) Benzyl Alcohol	8.092	79	264756m	27.387	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	541886	42.839	ng		92
17) 2-Methylphenol	8.304	107	276711	28.698	ng	#	92
18) Hexachloroethane	8.916	117	197105	41.468	ng	#	79
19) n-Nitroso-di-n-propyla...	8.657	70	338047	40.405	ng	#	84
20) 3+4-Methylphenols	8.628	107	332303	24.622	ng		92
22) Acetophenone	8.669	105	776742	47.169	ng	#	89
24) Nitrobenzene	9.045	77	502741	47.577	ng		89
25) Isophorone	9.575	82	930120	46.100	ng	#	93
26) 2-Nitrophenol	9.757	139	318301	46.033	ng	#	82
27) 2,4-Dimethylphenol	9.828	122	421291	45.945	ng		97
28) bis(2-Chloroethoxy)met...	10.057	93	615556	44.146	ng		99
29) 2,4-Dichlorophenol	10.304	162	532463	42.586	ng		96
30) 1,2,4-Trichlorobenzene	10.504	180	622278	43.266	ng		97
31) Naphthalene	10.686	128	1632843	45.496	ng		99
32) Benzoic acid	9.969	122	45378	5.532	ng	#	85
33) 4-Chloroaniline	10.804	127	464773	30.923	ng	#	93
34) Hexachlorobutadiene	10.974	225	387192	40.712	ng		99
35) Caprolactam	11.639	113	23027	6.258	ng	#	77
36) 4-Chloro-3-methylphenol	11.945	107	407722	35.373	ng		91
37) 2-Methylnaphthalene	12.304	142	1170475m	43.220	ng		
38) 1-Methylnaphthalene	12.521	142	1119354	42.177	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.674	216	738217	49.539	ng	#	95
41) Hexachlorocyclopentadiene	12.651	237	323811	46.705	ng		97
43) 2,4,6-Trichlorophenol	12.921	196	476766	47.401	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	501398	46.432	ng	#	89
46) 1,1'-Biphenyl	13.316	154	1576467	48.654	ng		99
47) 2-Chloronaphthalene	13.357	162	1247942	49.368	ng		95
48) 2-Nitroaniline	13.568	65	275248	48.998	ng	#	77
49) Acenaphthylene	14.204	152	1931801	50.182	ng		99
50) Dimethylphthalate	13.951	163	1451270	43.432	ng	#	98
51) 2,6-Dinitrotoluene	14.068	165	340551	47.743	ng	#	69
52) Acenaphthene	14.545	154	1113581	47.772	ng		98
53) 3-Nitroaniline	14.398	138	235893	34.838	ng		86
54) 2,4-Dinitrophenol	14.615	184	174775	35.901	ng	#	70
55) Dibenzofuran	14.880	168	1833045	45.785	ng		91
56) 4-Nitrophenol	14.739	139	155869	30.672	ng	#	72
57) 2,4-Dinitrotoluene	14.857	165	451159	46.206	ng	#	78
58) Fluorene	15.533	166	1452668	46.441	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	418456	42.097	ng	#	80
60) Diethylphthalate	15.310	149	1398917	42.335	ng		95
61) 4-Chlorophenyl-phenyle...	15.521	204	788740	43.963	ng	#	87
62) 4-Nitroaniline	15.562	138	303491	42.958	ng	#	80
63) Azobenzene	15.815	77	1036338	44.170	ng		86
65) 4,6-Dinitro-2-methylph...	15.627	198	189443	31.275	ng	#	76
66) n-Nitrosodiphenylamine	15.739	169	1278818	50.259	ng		99
67) 4-Bromophenyl-phenylether	16.415	248	519913	47.569	ng	#	86
68) Hexachlorobenzene	16.539	284	597964	48.912	ng	#	82
69) Atrazine	16.698	200	435971	46.561	ng		96
70) Pentachlorophenol	16.892	266	680953	101.907	ng		99
71) Phenanthrene	17.268	178	2215527	48.545	ng		99
72) Anthracene	17.362	178	2245018	49.376	ng		99
73) Carbazole	17.633	167	2002879	46.775	ng		96
74) Di-n-butylphthalate	18.198	149	2304629	43.343	ng	#	98
75) Fluoranthene	19.292	202	2548599	46.260	ng		98
77) Benzidine	19.480	184	478162	28.194	ng	#	94
78) Pyrene	19.650	202	2624856	48.044	ng		100
80) Butylbenzylphthalate	20.550	149	982035	42.317	ng	#	82
81) Benzo(a)anthracene	21.397	228	2678226	48.418	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	803504	55.238	ng	#	99
83) Chrysene	21.450	228	2497150	47.280	ng		100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1445183	41.344	ng	#	95
85) Di-n-octyl phthalate	22.238	149	2530326	41.415	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.215	276	3801338	52.909	ng		96
88) Benzo(b)fluoranthene	23.056	252	3081566	49.399	ng		99
89) Benzo(k)fluoranthene	23.103	252	2881505	45.140	ng		99
90) Benzo(a)pyrene	23.668	252	2966394	55.851	ng	#	97
91) Dibenzo(a,h)anthracene	26.221	278	3350558	55.874	ng		97
92) Benzo(g,h,i)perylene	26.962	276	3392129	58.646	ng	#	95

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

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