Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
Data File : BM033488.D
Acq On : 16 Dec 2021 17:23
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM121621

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

Quant Time: Dec 16 18:08:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	23715	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	100968	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	73538	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	154834	20.000	ng		0.00
76) Chrysene-d12	21.512	240	124228	20.000	ng		0.00
86) Perylene-d12	23.935	264	98959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	109367	79.577	ng		0.00
7) Phenol-d6	7.113	99	151371	82.072	ng		0.00
23) Nitrobenzene-d5	9.113	82	186703	79.397	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	64237	77.654	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	401522	75.529	ng		0.00
79) Terphenyl-d14	19.953	244	616288	78.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	22070	44.179	ng		94
3) Pyridine	3.801	79	56683	38.717	ng	#	86
4) n-Nitrosodimethylamine	3.707	42	39888	38.303	ng	#	86
6) Aniline	7.272	93	86490	41.061	ng		96
8) 2-Chlorophenol	7.507	128	59171	39.715	ng		99
9) Benzaldehyde	7.084	77	47054	41.953	ng		96
10) Phenol	7.136	94	74951	40.225	ng		80
11) bis(2-Chloroethyl)ether	7.366	93	59545	40.557	ng		97
12) 1,3-Dichlorobenzene	7.825	146	71490m	39.496	ng		
13) 1,4-Dichlorobenzene	7.978	146	73324	39.474	ng		97
14) 1,2-Dichlorobenzene	8.295	146	71850	39.430	ng		94
15) Benzyl Alcohol	8.189	79	70436	42.371	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	103300	39.570	ng		97
17) 2-Methylphenol	8.395	107	53753	40.593	ng		94
18) Hexachloroethane	9.019	117	30422	39.306	ng		95
19) n-Nitroso-di-n-propyla...	8.760	70	59555	40.957	ng		94
20) 3+4-Methylphenols	8.725	107	74640	42.255	ng		90
22) Acetophenone	8.778	105	108046	39.525	ng	#	92
24) Nitrobenzene	9.154	77	90569	39.211	ng		97
25) Isophorone	9.683	82	147671	38.787	ng	#	98
26) 2-Nitrophenol	9.872	139	33948	42.079	ng		93
27) 2,4-Dimethylphenol	9.930	122	52459	39.566	ng		96
28) bis(2-Chloroethoxy)met...	10.166	93	82825	39.607	ng		98
29) 2,4-Dichlorophenol	10.407	162	61428	40.620	ng		99
30) 1,2,4-Trichlorobenzene	10.613	180	72638	37.880	ng		97
31) Naphthalene	10.801	128	209999	38.394	ng		99
32) Benzoic acid	10.072	122	36655	40.157	ng		99
33) 4-Chloroaniline	10.924	127	75142	42.465	ng		96
34) Hexachlorobutadiene	11.077	225	50886	38.061	ng		95
35) Caprolactam	11.730	113	12586	42.128	ng	#	90
36) 4-Chloro-3-methylphenol	12.048	107	77259	39.803	ng		99
37) 2-Methylnaphthalene	12.413	142	151738	40.105	ng		95
38) 1-Methylnaphthalene	12.630	142	146301m	38.766	ng		
40) 1,2,4,5-Tetrachloroben...	12.777	216	81270	38.364	ng		99
41) Hexachlorocyclopentadiene	12.754	237	37323	40.741	ng		96
43) 2,4,6-Trichlorophenol	13.024	196	56460	39.858	ng		97

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44) 2,4,5-Trichlorophenol	13.101	196	59329	39.246	ng		97
46) 1,1'-Biphenyl	13.424	154	207159	38.043	ng		99
47) 2-Chloronaphthalene	13.466	162	160424	38.112	ng		99
48) 2-Nitroaniline	13.677	65	57697	40.234	ng		96
49) Acenaphthylene	14.313	152	258042	38.693	ng		98
50) Dimethylphthalate	14.054	163	210415	37.775	ng		99
51) 2,6-Dinitrotoluene	14.171	165	40613	38.579	ng	#	74
52) Acenaphthene	14.654	154	155213	38.322	ng		100
53) 3-Nitroaniline	14.507	138	39481	39.988	ng		100
54) 2,4-Dinitrophenol	14.712	184	19795	39.594	ng		93
55) Dibenzofuran	14.989	168	258996	37.733	ng		93
56) 4-Nitrophenol	14.818	139	27313	36.941	ng	#	84
57) 2,4-Dinitrotoluene	14.960	165	56677	39.368	ng		92
58) Fluorene	15.636	166	207035	37.585	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.212	232	53686	39.034	ng		95
60) Diethylphthalate	15.407	149	228327	38.119	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	108591	37.972	ng		90
62) 4-Nitroaniline	15.671	138	37339	36.941	ng	#	69
63) Azobenzene	15.924	77	257701	38.350	ng		96
65) 4,6-Dinitro-2-methylph...	15.718	198	33785	42.906	ng		99
66) n-Nitrosodiphenylamine	15.848	169	180450	39.258	ng		99
67) 4-Bromophenyl-phenylether	16.524	248	65327	38.669	ng		92
68) Hexachlorobenzene	16.636	284	69245	38.172	ng		98
69) Atrazine	16.801	200	41509	42.593	ng		98
70) Pentachlorophenol	16.983	266	41602	40.855	ng		99
71) Phenanthrene	17.377	178	328628	38.135	ng		98
72) Anthracene	17.471	178	322598	38.292	ng		99
73) Carbazole	17.748	167	289687	38.946	ng		98
74) Di-n-butylphthalate	18.300	149	396795	38.374	ng	#	98
75) Fluoranthene	19.389	202	373055	37.633	ng		99
77) Benzidine	19.595	184	24170	41.611	ng		98
78) Pyrene	19.753	202	380603	38.830	ng		99
80) Butylbenzylphthalate	20.647	149	167249	38.126	ng		93
81) Benzo(a)anthracene	21.500	228	320317	38.471	ng		98
82) 3,3'-Dichlorobenzidine	21.436	252	131668	40.333	ng		98
83) Chrysene	21.553	228	309874	38.653	ng		100
84) Bis(2-ethylhexyl)phtha...	21.424	149	242742	37.754	ng		99
85) Di-n-octyl phthalate	22.353	149	396045	37.892	ng		99
87) Indeno(1,2,3-cd)pyrene	26.441	276	198174	43.436	ng	#	93
88) Benzo(b)fluoranthene	23.194	252	249548	39.326	ng		98
89) Benzo(k)fluoranthene	23.247	252	259481	40.426	ng		98
90) Benzo(a)pyrene	23.830	252	196054	41.286	ng	#	97
91) Dibenzo(a,h)anthracene	26.465	278	159822	46.702	ng		97
92) Benzo(g,h,i)perylene	27.218	276	182002	41.358	ng	#	95

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

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