Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062121\
Data File : BP005999.D
Acq On : 21 Jun 2021 17:59
Operator : CG/JU
Sample : M2709-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SPLP-AMND-COMP-EMSD

Manual Integrations APPROVED
mohammad
6/22/2021 10:15:39 AM

Quant Time: Jun 22 00:53:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	75552	20.00	ng		0.00
21) Naphthalene-d8	10.728	136	287858	20.00	ng		0.00
39) Acenaphthene-d10	14.551	164	173189	20.00	ng		0.00
64) Phenanthrene-d10	17.298	188	364591	20.00	ng		0.00
76) Chrysene-d12	21.375	240	404744	20.00	ng		0.00
86) Perylene-d12	23.780	264	453265	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	290980	61.80	ng		0.00
7) Phenol-d6	7.099	99	209125	34.27	ng		0.00
23) Nitrobenzene-d5	9.093	82	520534	88.66	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	410074	137.98	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1172220	88.88	ng		0.00
79) Terphenyl-d14	19.845	244	1998652	92.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	37606	17.68	ng		95
3) Pyridine	3.793	79	73201	14.64	ng		98
4) n-Nitrosodimethylamine	3.693	42	39705	17.09	ng	#	85
6) Aniline	7.252	93	185349	27.20	ng		99
8) 2-Chlorophenol	7.493	128	207426	38.42	ng		98
9) Benzaldehyde	7.069	77	149252	57.37	ng		97
10) Phenol	7.128	94	84896	13.93	ng		97
11) bis(2-Chloroethyl)ether	7.352	93	236794	51.26	ng		98
12) 1,3-Dichlorobenzene	7.811	146	260133	43.09	ng		99
13) 1,4-Dichlorobenzene	7.958	146	268336	43.59	ng		99
14) 1,2-Dichlorobenzene	8.275	146	258402	43.91	ng		99
15) Benzyl Alcohol	8.169	79	140936	30.66	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	201975	47.30	ng		99
17) 2-Methylphenol	8.375	107	133155	32.06	ng		100
18) Hexachloroethane	9.005	117	93499	41.99	ng		97
19) n-Nitroso-di-n-propyla...	8.740	70	180944	48.20	ng		93
20) 3+4-Methylphenols	8.705	107	159119	28.36	ng		95
22) Acetophenone	8.752	105	385543	50.89	ng	#	98
24) Nitrobenzene	9.134	77	275841	45.24	ng		99
25) Isophorone	9.663	82	485168	44.75	ng		100
26) 2-Nitrophenol	9.846	139	130243	44.77	ng		96
27) 2,4-Dimethylphenol	9.905	122	198070	45.70	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	299034	52.84	ng		99
29) 2,4-Dichlorophenol	10.381	162	216817	41.63	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	248678	42.49	ng		100
31) Naphthalene	10.781	128	750005	45.03	ng		99
32) Benzoic acid	10.058	122	55724	21.22	ng		96
33) 4-Chloroaniline	10.893	127	169970	25.26	ng		99
34) Hexachlorobutadiene	11.063	225	158536	40.05	ng		99
35) Caprolactam	11.722	113	11202	7.47	ng		91
36) 4-Chloro-3-methylphenol	12.022	107	210943	39.89	ng		99
37) 2-Methylnaphthalene	12.387	142	543971	45.87	ng		99
38) 1-Methylnaphthalene	12.604	142	508334	45.51	ng		99
40) 1,2,4,5-Tetrachloroben...	12.752	216	295329	48.45	ng		99
41) Hexachlorocyclopentadiene	12.728	237	271615	88.08	ng		99
43) 2,4,6-Trichlorophenol	12.993	196	186985	44.72	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	200372	44.50	ng	98
46) 1,1'-Biphenyl	13.393	154	681926	48.83	ng	99
47) 2-Chloronaphthalene	13.434	162	543191	47.64	ng	99
48) 2-Nitroaniline	13.646	65	149414	49.84	ng	95
49) Acenaphthylene	14.275	152	865343	49.47	ng	100
50) Dimethylphthalate	14.016	163	703080	49.37	ng	99
51) 2,6-Dinitrotoluene	14.134	165	156668	48.41	ng	99
52) Acenaphthene	14.616	154	513224	48.31	ng	99
53) 3-Nitroaniline	14.469	138	108753	34.67	ng	98
54) 2,4-Dinitrophenol	14.681	184	158824	82.36	ng	97
55) Dibenzofuran	14.951	168	821957	47.05	ng	99
56) 4-Nitrophenol	14.793	139	77849	30.62	ng	93
57) 2,4-Dinitrotoluene	14.922	165	216227	49.95	ng	98
58) Fluorene	15.598	166	668999	49.15	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	179992m	45.35	ng	
60) Diethylphthalate	15.375	149	714909	50.04	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	342818	48.57	ng	99
62) 4-Nitroaniline	15.628	138	148834	46.10	ng	94
63) Azobenzene	15.887	77	612332	47.37	ng	95
65) 4,6-Dinitro-2-methylph...	15.687	198	107092	39.97	ng	97
66) n-Nitrosodiphenylamine	15.810	169	587690	48.61	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	227450	48.60	ng	99
68) Hexachlorobenzene	16.604	284	279750	49.87	ng	98
69) Atrazine	16.769	200	209466	55.69	ng	98
70) Pentachlorophenol	16.951	266	322767	103.49	ng	100
71) Phenanthrene	17.340	178	1058978	48.37	ng	99
72) Anthracene	17.434	178	1079787	50.11	ng	99
73) Carbazole	17.704	167	989523	47.83	ng	100
74) Di-n-butylphthalate	18.251	149	1269493	52.96	ng	99
75) Fluoranthene	19.304	202	1294713	48.69	ng	99
77) Benzidine	19.486	184	167737	19.92	ng	99
78) Pyrene	19.657	202	1347679	47.70	ng	99
80) Butylbenzylphthalate	20.522	149	591995	50.93	ng	95
81) Benzo(a)anthracene	21.357	228	1356994	46.45	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	420119	41.59	ng	97
83) Chrysene	21.410	228	1332772	47.10	ng	99
84) Bis(2-ethylhexyl)phtha...	21.275	149	871487	51.12	ng	99
85) Di-n-octyl phthalate	22.192	149	1519717	49.83	ng	99
87) Indeno(1,2,3-cd)pyrene	26.316	276	1825551	47.10	ng	99
88) Benzo(b)fluoranthene	23.045	252	1519220	48.94	ng	99
89) Benzo(k)fluoranthene	23.092	252	1461239	48.54	ng	99
90) Benzo(a)pyrene	23.674	252	1451534	49.73	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	1567142	46.97	ng	99
92) Benzo(g,h,i)perylene	27.098	276	1535635	46.60	ng	98

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

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