Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061521\
Data File : BP005936.D
Acq On : 15 Jun 2021 18:19
Operator : CG/JU
Sample : M2658-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T-FLOORMS

Manual Integrations APPROVED
mohammad
6/16/2021 3:54:27 PM

Quant Time: Jun 15 18:55:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 13:15:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	66642	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	246983	20.000	ng		-0.01
39) Acenaphthene-d10	14.557	164	148375	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	304637	20.000	ng		0.00
76) Chrysene-d12	21.375	240	373763	20.000	ng		0.00
86) Perylene-d12	23.786	264	446308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	529785	127.563	ng		0.00
7) Phenol-d6	7.111	99	577608	107.302	ng		0.00
23) Nitrobenzene-d5	9.099	82	427258	84.812	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	361749	142.073	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	989823	87.600	ng		0.00
79) Terphenyl-d14	19.851	244	1787228	89.537	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	67795	36.132	ng	#	66
3) Pyridine	3.793	79	129719	29.415	ng		98
4) n-Nitrosodimethylamine	3.693	42	79851	38.955	ng		91
6) Aniline	7.264	93	140716	23.415	ng		99
8) 2-Chlorophenol	7.499	128	215279	45.209	ng		97
9) Benzaldehyde	7.069	77	143086	62.352	ng		97
10) Phenol	7.134	94	219758	40.866	ng		98
11) bis(2-Chloroethyl)ether	7.358	93	190975	46.866	ng		97
12) 1,3-Dichlorobenzene	7.822	146	226170	42.477	ng		99
13) 1,4-Dichlorobenzene	7.969	146	232752	42.864	ng		99
14) 1,2-Dichlorobenzene	8.287	146	225773	43.498	ng		98
15) Benzyl Alcohol	8.181	79	188212	46.420	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.469	45	157990	41.942	ng		97
17) 2-Methylphenol	8.387	107	163578	44.645	ng		99
18) Hexachloroethane	9.011	117	84111	42.823	ng		96
19) n-Nitroso-di-n-propyla...	8.746	70	144931	43.765	ng		93
20) 3+4-Methylphenols	8.716	107	216769	43.799	ng		99
22) Acetophenone	8.763	105	309980	47.683	ng	#	98
24) Nitrobenzene	9.140	77	221392	42.322	ng		99
25) Isophorone	9.669	82	381569	41.015	ng		100
26) 2-Nitrophenol	9.852	139	112546	45.091	ng		96
27) 2,4-Dimethylphenol	9.916	122	186329	50.109	ng		98
28) bis(2-Chloroethoxy)met...	10.146	93	240166	49.464	ng		99
29) 2,4-Dichlorophenol	10.393	162	197597	44.218	ng		100
30) 1,2,4-Trichlorobenzene	10.599	180	215717	42.962	ng		97
31) Naphthalene	10.787	128	634890	44.428	ng		99
32) Benzoic acid	10.075	122	122213	44.411	ng		99
33) 4-Chloroaniline	10.910	127	50416	8.733	ng		99
34) Hexachlorobutadiene	11.069	225	142359	41.917	ng		99
35) Caprolactam	11.704	113	51990	40.391	ng		97
36) 4-Chloro-3-methylphenol	12.034	107	208946	46.050	ng		97
37) 2-Methylnaphthalene	12.393	142	451781	44.404	ng		99
38) 1-Methylnaphthalene	12.610	142	418980	43.718	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	244631	46.840	ng		99
41) Hexachlorocyclopentadiene	12.740	237	288722	107.961	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	160332	44.757	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	176796	45.827	ng	95
46) 1,1'-Biphenyl	13.399	154	561601	46.944	ng	100
47) 2-Chloronaphthalene	13.440	162	446338	45.690	ng	98
48) 2-Nitroaniline	13.646	65	121260	47.210	ng	95
49) Acenaphthylene	14.281	152	696952	46.503	ng	99
50) Dimethylphthalate	14.022	163	622455	51.023	ng	100
51) 2,6-Dinitrotoluene	14.140	165	124798	45.008	ng	98
52) Acenaphthene	14.622	154	413629	45.446	ng	99
53) 3-Nitroaniline	14.469	138	79341	29.523	ng	100
54) 2,4-Dinitrophenol	14.681	184	145006	87.449	ng	97
55) Dibenzofuran	14.957	168	662465	44.260	ng	98
56) 4-Nitrophenol	14.793	139	195535	89.764	ng	94
57) 2,4-Dinitrotoluene	14.928	165	174866	47.151	ng	99
58) Fluorene	15.604	166	535000	45.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	153593m	45.173	ng	
60) Diethylphthalate	15.381	149	588352	48.069	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	275781	45.604	ng	98
62) 4-Nitroaniline	15.634	138	127106	45.951	ng	98
63) Azobenzene	15.892	77	491883	44.420	ng	95
65) 4,6-Dinitro-2-methylph...	15.693	198	94092	42.030	ng	99
66) n-Nitrosodiphenylamine	15.816	169	474445	46.964	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	183399	46.904	ng	98
68) Hexachlorobenzene	16.610	284	220830	47.118	ng	97
69) Atrazine	16.769	200	181477	57.740	ng	98
70) Pentachlorophenol	16.957	266	264480	101.489	ng	99
71) Phenanthrene	17.345	178	860231	47.021	ng	100
72) Anthracene	17.439	178	878036	48.765	ng	100
73) Carbazole	17.710	167	804635	46.546	ng	99
74) Di-n-butylphthalate	18.257	149	1048770	52.363	ng	100
75) Fluoranthene	19.310	202	1088649	48.999	ng	99
77) Benzidine	19.486	184	95476	12.276	ng	99
78) Pyrene	19.657	202	1132173	43.390	ng	99
80) Butylbenzylphthalate	20.522	149	517124	48.172	ng	98
81) Benzo(a)anthracene	21.363	228	1221592	45.277	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	338208	36.258	ng	97
83) Chrysene	21.416	228	1208360	46.240	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	888078	56.408	ng	99
85) Di-n-octyl phthalate	22.204	149	1432900	50.876	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1828610	47.912	ng	99
88) Benzo(b)fluoranthene	23.051	252	1427830	46.710	ng	100
89) Benzo(k)fluoranthene	23.098	252	1396763	47.122	ng	99
90) Benzo(a)pyrene	23.686	252	1407088	48.961	ng	98
91) Dibenzo(a,h)anthracene	26.345	278	1554964	47.336	ng	99
92) Benzo(g,h,i)perylene	27.110	276	1544416	47.593	ng	98

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

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